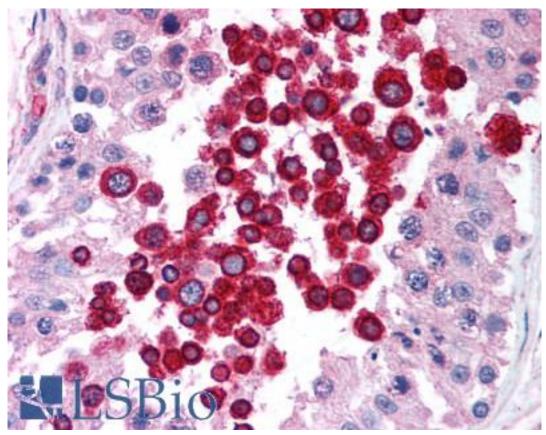


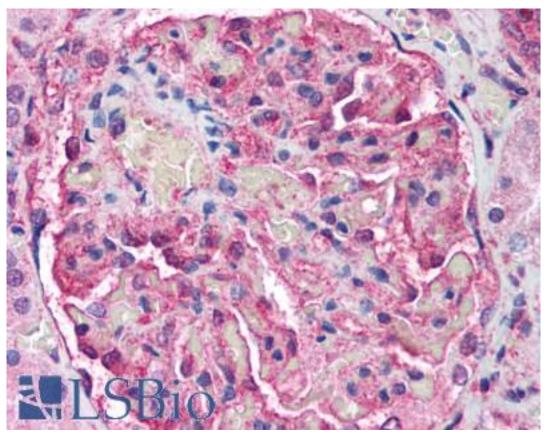
This antibody replaces catalog number LS-C19923. It has been validated for use in the following assays: IHC. Target: ataxia telangiectasia mutated (ATM) ATM Antibody, AT mutated Antibody, ATA Antibody, ATC Antibody, ATD Antibody, ATE Antibody, ATE Antibody, ATE Antibody, ATE Antibody, ATA mutated Antibody, ATA Antibody, ATA Antibody, ATD Antibody,		
Validation: This antibody replaces catalog number LS-C19923. It has been validated for use in the following assays: IHC. Target: ataxia telangiectasia mutated (ATM) ATM Antibody, ATE Antibody, ATE Antibody, ATD Antibody, ATD Antibody, ATE Antibody, ATE Antibody, ATE Antibody, ATE Antibody, ATE Antibody, ATE Antibody, Telandibody, Telandibody, Telandibody, Telandibody, ATD Antibody, Telandibody, Telandibody, ATD Antibody, Telandibody, Telandibody	ATM Mouse anti-Huma	n Monoclonal (aa2577-3056) (2C1) Antibody - LS-B1683 - LSBio
the following assays: IHC. ataxia telangiectasia mutated (ATM) ATM Antibody, ATE Antibody, ATC Antibody, ATD Antibody, TEL1 Antibody, TEL0 Antibod	CatalogID:	LS-B1683
ATM Antibody, A-T mutated Antibody, ATA Antibody, ATD Antibody, ATD Antibody, ATE Antibody, AT mutated Antibody, Ataxia telangiectasia Antibody, ATD Antibody, Serine-protein kinase ATM Antibody, Ataxia telangiectasia Antibody, Ataxia telangiectasia mutated Antibody, TEL1 Antibody, Ataxia telangiectasia mutated Antibody, TEL01 Antibody, Ataxia telangiectasia mutated Antibody, TEL1 Antibody, TEL01 Antibody, Ataxia telangiectasia mutated Antibody, TEL1 Antibody, TEL01 Antibody, Ataxia telangiectasia mutated Antibody, TEL01 Antibody, TEL01 Antibody, Ataxia telangiectasia mutated Antibody, TEL01 Antibody, TEL01 Antibody, TEL01 Antibody, TEL01 Antibody, TEL01 Antibody, TEL01 Antibody Tel01 Ant	Validation:	
Antibody, ATE Antibody, AT mutated Antibody, Ataxia telangiectasia Antibody, ATD Antibody, Serine-protein kinase ATM Antibody, AT1 Antibody, Ataxia telangiectasia mutated Antibody, TEL1 Antibody, TEL01 Antibody Ataxia telangiectasia mutated Antibody, TEL1 Antibody, TEL01 Antibody Ataxia telangiectasia mutated Antibody, TEL1 Antibody, TEL01 Antibody Ataxia telangiectasia mutated Antibody, TEL01 Antibody, Ataxia telangiectasia mutated Antibody, TEL01 Antibody, TEL01 Antibody Ataxia telangiectasia Antibody Host ATM antibody was produced in Mouse Clonality: Monoclonal Isotype: IgG1 Clone Name: 2C1 Immunogen Species: ATM antibody was raised against Human Antigen Type: Recombinant protein ATM antibody was raised against recombinant human ATM. Specificity: Recombinant protein expressed in E. coli corresponding to amino acids 2577-3056. Epitope: aa2577-3056 Reactivity: Human, Monkey, Mouse, Rat Protein G purified Prosentation: PBS, pH 7.4. Preservative free. Hercommended Storage: 4°C or -20°C, Avoid repeated freezing and thawing. Immunohistochemistry. LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Target:	ataxia telangiectasia mutated (ATM)
ATM antibody was produced in Mouse Clonality: Monoclonal Isotype: IgG1 Clone Name: 2C1 Immunogen Species: ATM antibody was raised against Human Antigen Type: Recombinant protein Immunogen: ATM antibody was raised against recombinant human ATM. Specificity: Recombinant protein expressed in E. coli corresponding to amino acids 2577-3056 Reactivity: Human, Monkey, Mouse, Rat Purification: Protein G purified Presentation: PBS, pH 7.4. Preservative free. Recommended Storage: +4°C or -20°C, Avoid repeated freezing and thawing. Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staing specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Synonyms:	Antibody, ATÉ Antibody, AT mutated Antibody, Ataxia telangiectasia Antibody, ATDC Antibody, Serine-protein kinase ATM Antibody, AT1 Antibody, Ataxia
Clonality: Monoclonal Isotype: IgG1 Clone Name: 2C1 Immunogen Species: ATM antibody was raised against Human Antigen Type: Recombinant protein Immunogen: ATM antibody was raised against recombinant human ATM. Specificity: Recombinant protein expressed in E. coli corresponding to amino acids 2577-3056 Epitope: aa2577-3056 Reactivity: Human, Monkey, Mouse, Rat Purification: Protein G purified Presentation: PBS, pH 7.4. Preservative free. Recommended Storage: 44°C or -20°C, Avoid repeated freezing and thawing. Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Family / Subfamily:	Protein Kinase / PI3/PI4
IgG1 Clone Name: 2C1 Immunogen Species: ATM antibody was raised against Human Antigen Type: Recombinant protein Immunogen: ATM antibody was raised against recombinant human ATM. Specificity: Recombinant protein expressed in E. coli corresponding to amino acids 2577-3056. Epitope: aa2577-3056 Reactivity: Human, Monkey, Mouse, Rat Purification: Protein G purified Presentation: PBS, pH 7.4. Preservative free. Recommended Storage: +4°C or -20°C, Avoid repeated freezing and thawing. Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citra buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 μg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Host	ATM antibody was produced in Mouse
Clone Name: Immunogen Species: ATM antibody was raised against Human Recombinant protein ATM antibody was raised against recombinant human ATM. Recombinant protein expressed in E. coli corresponding to amino acids 2577-3056. Epitope: Reactivity: Human, Monkey, Mouse, Rat Purification: Protein G purified Pes, pH 7.4. Preservative free. Recommended Storage: H4°C or -20°C, Avoid repeated freezing and thawing. Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Clonality:	Monoclonal
Immunogen Species: ATM antibody was raised against Human Antigen Type: Recombinant protein Immunogen: ATM antibody was raised against recombinant human ATM. Specificity: Recombinant protein expressed in E. coli corresponding to amino acids 2577-3056. Epitope: aa2577-3056 Reactivity: Human, Monkey, Mouse, Rat Purification: Protein G purified Presentation: PBS, pH 7.4. Preservative free. Recommended Storage: +4°C or -20°C, Avoid repeated freezing and thawing. Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 μg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Isotype:	IgG1
Antigen Type: Recombinant protein ATM antibody was raised against recombinant human ATM. Recombinant protein expressed in E. coli corresponding to amino acids 2577-3056. Epitope: aa2577-3056 Reactivity: Human, Monkey, Mouse, Rat Purification: Protein G purified Presentation: PBS, pH 7.4. Preservative free. Recommended Storage: +4°C or -20°C, Avoid repeated freezing and thawing. Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Clone Name:	2C1
Immunogen: ATM antibody was raised against recombinant human ATM. Recombinant protein expressed in E. coli corresponding to amino acids 2577-3056. Epitope: aa2577-3056 Human, Monkey, Mouse, Rat Purification: Protein G purified Pesentation: PBS, pH 7.4. Preservative free. Hawan, Monkey: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Immunogen Species:	ATM antibody was raised against Human
Recombinant protein expressed in E. coli corresponding to amino acids 2577-3056. Epitope: aa2577-3056 Reactivity: Human, Monkey, Mouse, Rat Purification: Protein G purified Presentation: PBS, pH 7.4. Preservative free. Recommended Storage: +4°C or -20°C, Avoid repeated freezing and thawing. Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Antigen Type:	Recombinant protein
3056. Reactivity: Human, Monkey, Mouse, Rat Purification: Protein G purified Presentation: PBS, pH 7.4. Preservative free. Recommended Storage: +4°C or -20°C, Avoid repeated freezing and thawing. Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Immunogen:	ATM antibody was raised against recombinant human ATM.
Reactivity: Human, Monkey, Mouse, Rat Purification: Protein G purified Presentation: PBS, pH 7.4. Preservative free. Recommended Storage: +4°C or -20°C, Avoid repeated freezing and thawing. Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Specificity:	
Purification: Protein G purified Presentation: PBS, pH 7.4. Preservative free. Recommended Storage: +4°C or -20°C, Avoid repeated freezing and thawing. Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 μg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Epitope:	aa2577-3056
Presentation: PBS, pH 7.4. Preservative free. +4°C or -20°C, Avoid repeated freezing and thawing. Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Reactivity:	Human, Monkey, Mouse, Rat
Hecommended Storage: +4°C or -20°C, Avoid repeated freezing and thawing. Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Purification:	Protein G purified
Usage Summary: Immunohistochemistry: LS-B1683 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Presentation:	PBS, pH 7.4. Preservative free.
on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1683 was determined to be 5 ug/ml. Uses: IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)	Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
(Optimal dilution to be determined by the researcher)	Usage Summary:	on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working
Size : 50 μg	Uses:	IHC - Paraffin (5 μg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)
	Size:	50 μg
Concentration: 1 mg/ml	Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-ATM antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody LS-B1683 concentration 5 ug/ml.

Immunohistochemistry Image:



Anti-ATM antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody LS-B1683 concentration 5 ug/ml.

Requested From: Japan

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