ATM Mouse anti-Human Monoclonal (aa2577-3056) (2C1) Antibody - LS-B1683 - LSBio

CatalogID:	LS-B1683
Validation:	This antibody replaces catalog number LS-C19923. It has been validated for use in the following assays: IHC.
Target:	ataxia telangiectasia mutated (ATM)
Synonyms:	ATM Antibody, A-T mutated Antibody, ATA Antibody, ATC Antibody, ATD Antibody, ATE Antibody, AT mutated Antibody, Ataxia telangiectasia Antibody, ATDC Antibody, Serine-protein kinase ATM Antibody, AT1 Antibody, Ataxia telangiectasia mutated Antibody, TEL1 Antibody, TELO1 Antibody
Family / Subfamily:	Protein Kinase / PI3/PI4
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
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)
Size:	50 µg
Concentration:	1 mg/ml

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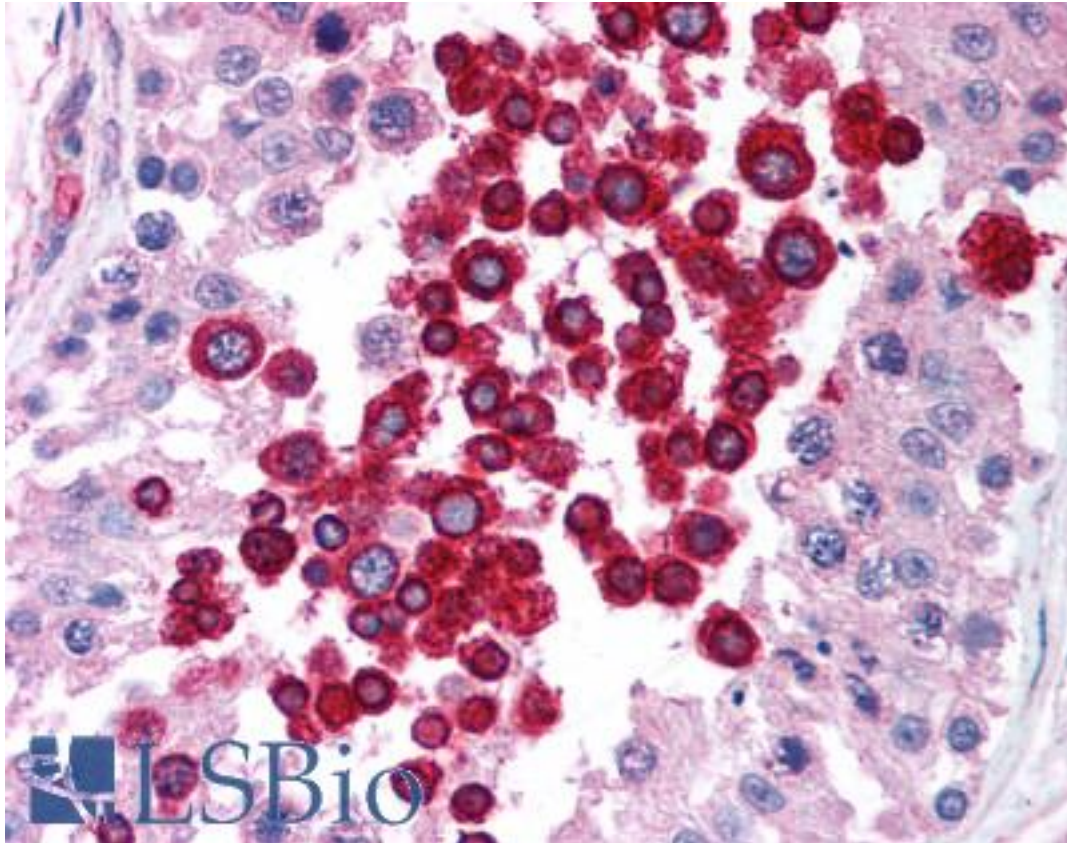
Anti-ATM antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1683 concentration 5 ug/ml.

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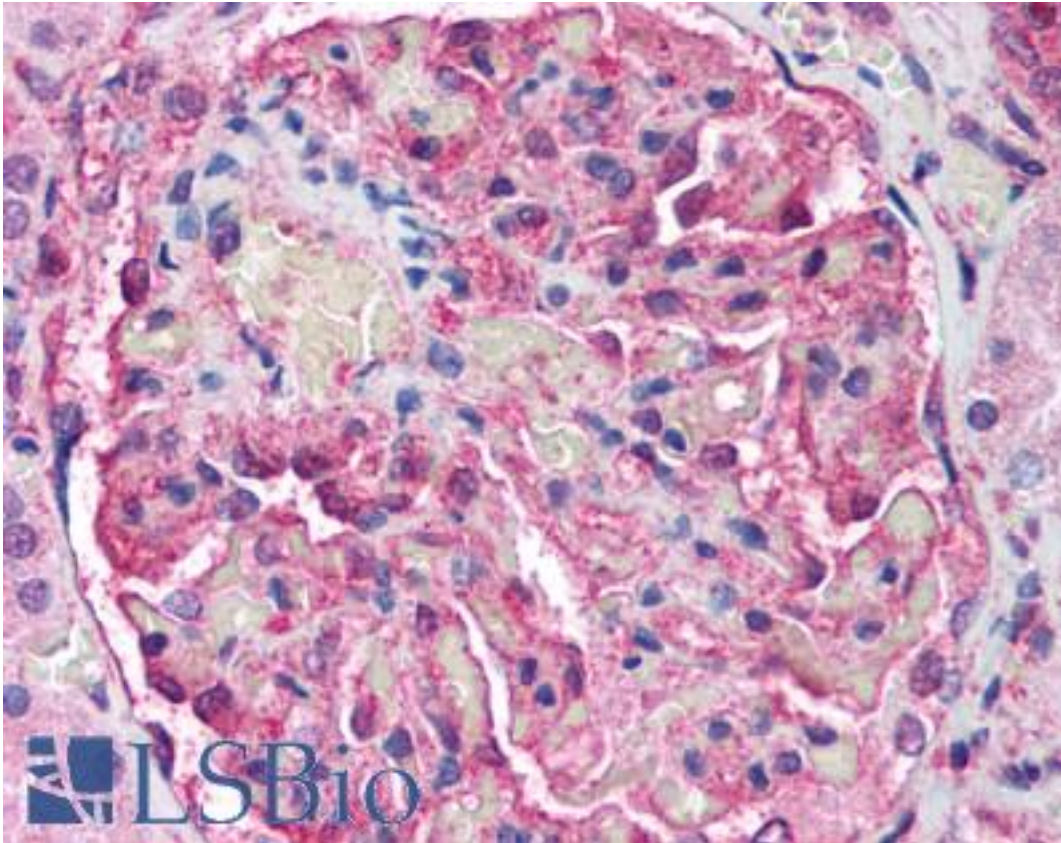
Anti-ATM antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1683 concentration 5 ug/ml.

Requested From:	Japan