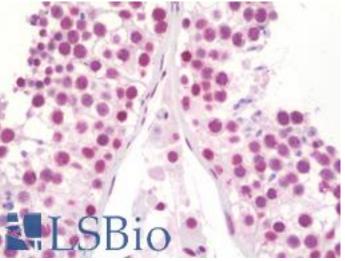


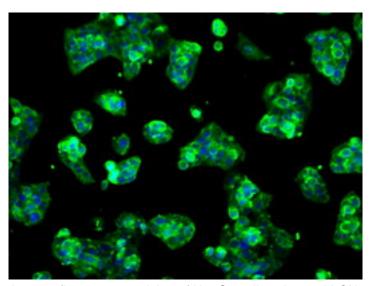
CatalogID:  LS-B10043  This antibody replaces catalog number LS-C114942. It has been validated for use in the following assays: IHC-P.  Target:  lysyl oxidase (LOX)  Synonyms:  LOX Antibody, Lysyl oxidase Antibody, Protein-lysine 6-oxidase Antibody  Host  LOX antibody was produced in Mouse  Clonality:  Monoclonal  Isotype:  IgG1  Clone Name:  Jah1  Immunogen Species:  Lysyl Oxidase / LOX antibody was raised against Human  Antigen Type:  Recombinant protein  Lysyl Oxidase / LOX antibody was raised against human recombinant protein fragment corresponding to amino acids 22-168 of human LOX (NP_002308) produced in HEK293T cell.  Specificity:  Human  Purification:  Protein A/G purified  Presentation:  PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide  Recommended Storage:  Store at -20°C. Minimize freezing and thawing.  Concentration: 0.5-1.0 mg/ml (Lot dependent)  Uses:  IHC - Paraffin (10 µg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)  Size:  50 µl	Lysyl Oxidase / LOX Mouse anti-Human Monoclonal (9A11) Antibody - LS-B10043 - LSBio	
Validation:  This antibody replaces catalog number LS-C114942. It has been validated for use in the following assays: IHC-P.  Target:  Iysyl oxidase (LOX)  Synonyms:  LOX Antibody, Lysyl oxidase Antibody, Protein-lysine 6-oxidase Antibody  Host  LOX antibody was produced in Mouse  Clonality:  Monoclonal  Isotype:  IgG1  Clone Name:  9A11  Immunogen Species:  Lysyl Oxidase / LOX antibody was raised against Human  Antigen Type:  Recombinant protein  Lysyl Oxidase / LOX antibody was raised against human recombinant protein fragment corresponding to amino acids 22-168 of human LOX (NP_002308) produced in HEK293T cell.  Specificity:  Human Lysyl Oxidase / LOX  Reactivity:  Human  Purification:  Protein A/G purified  Presentation:  PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide  Recommended Storage:  Store at -20°C. Minimize freezing and thawing.  Usage Summary:  Concentration: 0.5-1.0 mg/ml (Lot dependent)  Uses:  IHC - Paraffin (10 µg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)		
Synonyms:  LOX Antibody, Lysyl oxidase Antibody, Protein-lysine 6-oxidase Antibody  Host  LOX antibody was produced in Mouse  Clonality:  Monoclonal  Isotype:  IgG1  Clone Name:  9A11  Immunogen Species:  Lysyl Oxidase / LOX antibody was raised against Human  Antigen Type:  Recombinant protein  Lysyl Oxidase / LOX antibody was raised against human recombinant protein fragment corresponding to amino acids 22-168 of human LOX (NP_002308) produced in HEK293T cell.  Specificity:  Human Lysyl Oxidase / LOX  Reactivity:  Human  Purification:  Protein A/G purified  Presentation:  PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide  Store at -20°C. Minimize freezing and thawing.  Usage Summary:  Concentration: 0.5-1.0 mg/ml (Lot dependent)  Uses:  IHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)  Size:  50 μl	Validation:	This antibody replaces catalog number LS-C114942. It has been validated for use
Host  LOX antibody was produced in Mouse  Clonality:  Monoclonal  Isotype:  IgG1  Clone Name:  January   Species:  Lysyl Oxidase / LOX antibody was raised against Human  Antigen Type:  Recombinant protein  Lysyl Oxidase / LOX antibody was raised against human recombinant protein fragment corresponding to amino acids 22-168 of human LOX (NP_002308) produced in HEK293T cell.  Specificity:  Human Lysyl Oxidase / LOX  Reactivity:  Human  Purification:  Protein A/G purified  Presentation:  PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide  Recommended Storage:  Store at -20°C. Minimize freezing and thawing.  Usage Summary:  Concentration: 0.5-1.0 mg/ml (Lot dependent)  Uses:  IHC - Paraffin (10 µg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)  Size:  50 µl	Target:	lysyl oxidase (LOX)
Clonality: Monoclonal Isotype: IgG1  Clone Name: 9A11  Immunogen Species: Lysyl Oxidase / LOX antibody was raised against Human  Antigen Type: Recombinant protein  Lysyl Oxidase / LOX antibody was raised against human recombinant protein fragment corresponding to amino acids 22-168 of human LOX (NP_002308) produced in HEK293T cell.  Specificity: Human Lysyl Oxidase / LOX  Reactivity: Human  Purification: Protein A/G purified  Presentation: PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide  Recommended Storage: Store at -20°C. Minimize freezing and thawing.  Usage Summary: Concentration: 0.5-1.0 mg/ml (Lot dependent)  Uses: IHC - Paraffin (10 µg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)  Size: 50 µl	Synonyms:	LOX Antibody, Lysyl oxidase Antibody, Protein-lysine 6-oxidase Antibody
IgG1   Sotype:   IgG1   Sotype:   IgG1   Sotype:   IgG1   Sotype:   IgG1   Sotype:   IgG1   Sotype:   IgG1   Ig	Host	LOX antibody was produced in Mouse
Clone Name:    Matter   Same   Species   Lysyl Oxidase / LOX antibody was raised against Human	Clonality:	Monoclonal
Immunogen Species:  Lysyl Oxidase / LOX antibody was raised against Human  Recombinant protein  Lysyl Oxidase / LOX antibody was raised against human recombinant protein fragment corresponding to amino acids 22-168 of human LOX (NP_002308) produced in HEK293T cell.  Specificity:  Human Lysyl Oxidase / LOX  Reactivity:  Human  Protein A/G purified  Presentation:  PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide  Recommended Storage:  Store at -20°C. Minimize freezing and thawing.  Usage Summary:  Concentration: 0.5-1.0 mg/ml (Lot dependent)  Uses:  UHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)	Isotype:	IgG1
Antigen Type:  Recombinant protein  Lysyl Oxidase / LOX antibody was raised against human recombinant protein fragment corresponding to amino acids 22-168 of human LOX (NP_002308) produced in HEK293T cell.  Specificity:  Human Lysyl Oxidase / LOX  Reactivity:  Human  Protein A/G purified  Presentation:  PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide  Recommended Storage:  Store at -20°C. Minimize freezing and thawing.  Usage Summary:  Concentration: 0.5-1.0 mg/ml (Lot dependent)  Uses:  IHC - Paraffin (10 µg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)  Size:  50 µl	Clone Name:	9A11
Immunogen:  Lysyl Oxidase / LOX antibody was raised against human recombinant protein fragment corresponding to amino acids 22-168 of human LOX (NP_002308) produced in HEK293T cell.  Specificity:  Human Lysyl Oxidase / LOX  Human  Purification:  Protein A/G purified  Presentation:  PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide  Recommended Storage:  Store at -20°C. Minimize freezing and thawing.  Usage Summary:  Concentration: 0.5-1.0 mg/ml (Lot dependent)  Uses:  IHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)  Size:  50 μl	Immunogen Species:	Lysyl Oxidase / LOX antibody was raised against Human
fragment corresponding to amino acids 22-168 of human LOX (NP_002308) produced in HEK293T cell.  Specificity: Human Lysyl Oxidase / LOX  Reactivity: Human  Purification: Protein A/G purified  Presentation: PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide  Recommended Storage: Store at -20°C. Minimize freezing and thawing.  Usage Summary: Concentration: 0.5-1.0 mg/ml (Lot dependent)  Uses: IHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)	Antigen Type:	Recombinant protein
Reactivity:       Human         Purification:       Protein A/G purified         Presentation:       PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide         Recommended Storage:       Store at -20°C. Minimize freezing and thawing.         Usage Summary:       Concentration: 0.5-1.0 mg/ml (Lot dependent)         Uses:       IHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)         Size:       50 μl	Immunogen:	fragment corresponding to amino acids 22-168 of human LOX (NP 002308)
Purification:       Protein A/G purified         Presentation:       PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide         Recommended Storage:       Store at -20°C. Minimize freezing and thawing.         Usage Summary:       Concentration: 0.5-1.0 mg/ml (Lot dependent)         Uses:       IHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)         Size:       50 μl	Specificity:	Human Lysyl Oxidase / LOX
Presentation:       PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide         Recommended Storage:       Store at -20°C. Minimize freezing and thawing.         Usage Summary:       Concentration: 0.5-1.0 mg/ml (Lot dependent)         Uses:       IHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)         Size:       50 μl	Reactivity:	Human
Recommended Storage:       Store at -20°C. Minimize freezing and thawing.         Usage Summary:       Concentration: 0.5-1.0 mg/ml (Lot dependent)         Uses:       IHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)         Size:       50 μl	Purification:	Protein A/G purified
Usage Summary:  Concentration: 0.5-1.0 mg/ml (Lot dependent)  IHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)  Size:  50 μl	Presentation:	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Uses:  IHC - Paraffin (10 μg/ml), Immunofluorescence (1:50 - 1:100), Western blot (1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)  Size:  50 μl	Recommended Storage:	Store at -20°C. Minimize freezing and thawing.
(1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the researcher)  Size: 50 μl	Usage Summary:	Concentration: 0.5-1.0 mg/ml (Lot dependent)
	Uses:	(1:2000), Flow Cytometry (1:100) (Optimal dilution to be determined by the
Concentration: 0.8 mg/ml	Size:	50 μl
	Concentration:	0.8 mg/ml

# Immunohistochemistry Image:



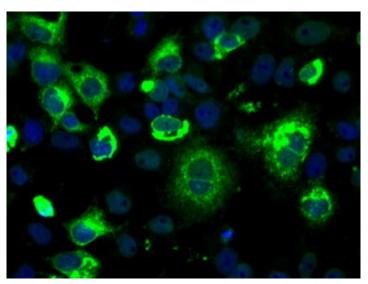
Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

## Immunofluorescence Image:



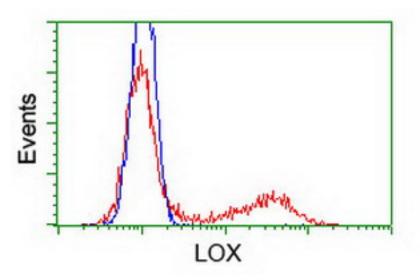
Immunofluorescent staining of HepG2 cells using anti-LOX mouse monoclonal antibody.

## Immunofluorescence Image:



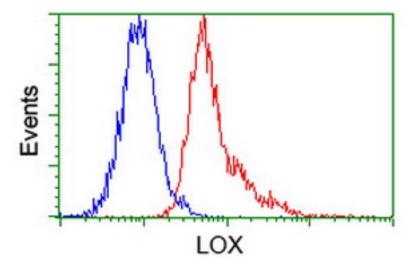
Anti-LOX mouse monoclonal antibody  $\,$  immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY LOX.

#### Flow Cytometry Image:



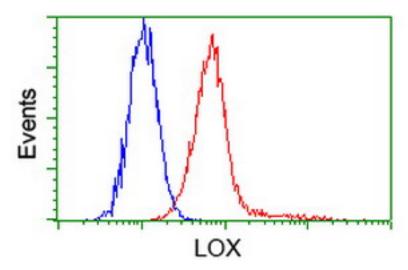
HEK293T cells transfected with either pCMV6-ENTRY LOX (Red) or empty vector control plasmid (Blue) were immunostained with anti-LOX mouse monoclonal(Dilution 1:1,000), and then analyzed by flow cytometry.

## Flow Cytometry Image:



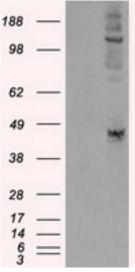
Flow cytometry of Jurkat cells, using anti-LOX antibody, (Red) compared to a nonspecific negative control antibody (Blue).

## Flow Cytometry Image:



Flow cytometry of HeLa cells, using anti-LOX antibody, (Red) compared to a nonspecific negative control antibody (Blue).

#### Western Blot Image:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LOX (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LOX.

Requested From: Japan

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