

Mouse LHX1 Monoclonal Antibody | anti-LHX1 antibody

LHX1 antibody

CATALOG # AAA108275	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

LHX1; Monoclonal Antibody; LHX1 antibody; Monoclonal LHX1; Anti-LHX1; LIM-1; LIM1; MGC126723; MGC138141; LHX 1; LHX-1; anti-LHX1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2A4
Purity/Purification	LHX1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	406
Applicable Applications for anti-LHX1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	This gene encodes a member of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor important for the development of the renal and urogenital systems. This gene is a candidate for Mayer-Rokitansky-Kuster-Hauser syndrome, a disorder characterized by anomalies in the female genital tract.
Cross-Reactivity	Human
Immunogen	LHX1 antibody was raised in Mouse using Human recombinant protein fragment corresponding to amino acids 100-362 of human LHX1 produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant LHX1 protein using LHX1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant LHX1 protein (Right) or empty vector (Left) detected with LHX1 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant LHX1 protein (red) or empty vector (blue) stained using LHX1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LHX1 antibody	Mouse monoclonal LHX1 antibody
Product Categories/Family for anti-LHX1 antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410785
NCBI GeneID	3975
NCBI Accession #	NP_005559.2
NCBI GenBank Nucleotide #	NM_005568.4
Molecular Weight	44,808 Da
NCBI Official Full Name	LIM/homeobox protein Lhx1
NCBI Official Synonym Full Names	LIM homeobox 1
NCBI Official Symbol	LHX1
NCBI Official Synonym Symbols	LIM1; LIM-1
NCBI Protein Information	LIM/homeobox protein Lhx1
UniProt Protein Name	LIM/homeobox protein Lhx1
UniProt Gene Name	LHX1
UniProt Synonym Gene Names	LIM-1; LIM1; LIM homeobox protein 1; hLim-1
UniProt Entry Name	LHX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lhx1-antibody-clone-2a4-western-blot-immunofluorescence-flow-cytometry-elisa/108275>