Mouse LEMD3 Monoclonal Antibody | anti-LEMD3 antibody

LEMD3 antibody

CATALOG #	HOST	APPLICATIONS
AAA106997	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

LEMD3; Monoclonal Antibody; LEMD3 antibody; Monoclonal LEMD3; Anti-LEMD3; LEM domain containing 3; MAN1; LEM domain-containing protein 3; Inner nuclear membrane protein Man1; Integral inner nuclear membrane protein; LEMD 3; LEMD-3; anti-LEMD3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6C10
Purity/Purification	LEMD3 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	500 ug-1 mg/ml (varies by lot)
Sequence Length	911
Applicable Applications for anti-LEMD3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	This locus encodes a LEM domain-containing protein. The encoded protein functions to antagonize transforming growthfactor-beta signaling at the inner nuclear membrane. Two transcript variants encoding different isoforms have beenfound for this gene. Mutations in this gene have been associated with osteopoikilosis, Buschke-Ollendorff syndrome and melorheostosis.
Cross-Reactivity	Human, Dog, Monkey
Immunogen	LEMD3 antibody was raised in mouse using a full length recombinant protein of human LEMD3 (NP_055134) produced in HEK293T cells, 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 LEMD3 protein using LEMD3 antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of LEMD3 protein in paraffin embedded Carcinoma of Human liver tissue using LEMD3 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant LEMD3 protein (Right) or empty vector (Left) detected with LEMD3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LEMD3 antibody	Mouse monoclonal LEMD3 antibody
Product Categories/Family for anti-LEMD3 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706607
NCBI GeneID	23592
NCBI Accession #	NP_055134
NCBI GenBank Nucleotide #	NM_014319.4
UniProt Accession #	Q9Y2U8; Q9NT47; Q9NYA5
Molecular Weight	99,997 Da
NCBI Official Full Name	inner nuclear membrane protein Man1 isoform 1
NCBI Official Synonym Full Names	LEM domain containing 3
NCBI Official Symbol	LEMD3
NCBI Official Synonym Symbols	MAN1
NCBI Protein Information	inner nuclear membrane protein Man1
UniProt Protein Name	Inner nuclear membrane protein Man1
UniProt Gene Name	**LEMD3**
UniProt Synonym Gene Names	MAN1
UniProt Entry Name	MAN1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/lemd3-antibody-clone-6c10-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106997