

Mouse FHL1 Monoclonal Antibody | anti-FHL1 antibody

FHL1 antibody

CATALOG # AAA106365	HOST Mouse	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
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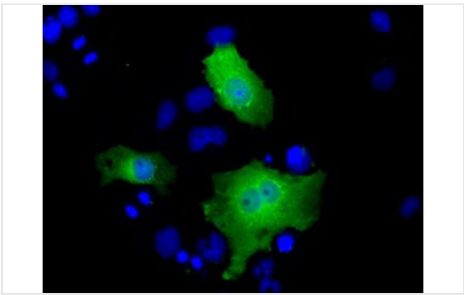
PRODUCT SYNONYMS

FHL1; Monoclonal Antibody; FHL1 antibody; Monoclonal FHL1; Anti-FHL1; Four and a half LIM domains 1; SLIM1; FHL1B; XMPMA; FLH1A; MGC111107; Skeletal muscle LIM protein 1; SLIM; SLIMMER; FHL 1; FHL-1; anti-FHL1 antibody

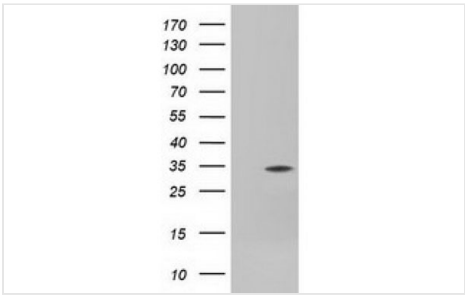
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2 E1
Purity/Purification	FHL1 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	280
Applicable Applications for anti-FHL1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	FHL1 a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. Expression of these family members occurs in a cell- and tissue-specific mode and these proteins are involved in many cellular processes. Mutations in this gene have been found in patients with Emery-Dreifuss muscular dystrophy.
Cross-Reactivity	Human
Immunogen	FHL1 antibody was raised in mouse using a full length recombinant protein of human FHL1 (NP_001440) 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 FHL1 protein using FHL1 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant FHL1 protein (Right) or empty vector (Left) detected with FHL1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FHL1 antibody	Mouse monoclonal FHL1 antibody
Product Categories/Family for anti-FHL1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361122
NCBI GeneID	2273
NCBI Accession #	NP_001440
NCBI GenBank Nucleotide #	NM_001449.4
UniProt Accession #	Q13642; O95212; Q13230; Q13645; Q5JXI7; Q5M7Y6; Q6IB30; Q9NZ40; Q9UKZ8; Q9Y630; B7Z5T4; B7Z793
Molecular Weight	33,579 Da
NCBI Official Full Name	four and a half LIM domains protein 1 isoform 2
NCBI Official Synonym Full Names	four and a half LIM domains 1
NCBI Official Symbol	FHL1
NCBI Official Synonym Symbols	KYOT; SLIM; FHL-1; FHL1A; FHL1B; FLH1A; SLIM1; XMPMA; SLIM-1; SLIMMER
NCBI Protein Information	four and a half LIM domains protein 1
UniProt Protein Name	Four and a half LIM domains protein 1
UniProt Gene Name	FHL1
UniProt Synonym Gene Names	SLIM1; FHL-1; SLIM; SLIM-1
UniProt Entry Name	FHL1_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.