

Mouse anti-Human FHL2 Monoclonal Antibody | anti-FHL2 antibody

FHL2 antibody

CATALOG # AAA48950	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

FHL2; Monoclonal Antibody; FHL2 antibody; Four and a half LIM domains 2; AAG11; DRAL; FHL-2; SLIM-3; SLIM3; anti-FHL2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	AT21D11
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	279
Applicable Applications for anti-FHL2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human FHL2 (1-279aa) purified from E. coli.
Clone Note	Anti-human FHL2 mAb, clone AT21D11, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human FHL2 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of FHL2 in HeLa cells. The cell was stained with ATGA0486 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human FHL2 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: A549 cell lysate Lane 3.: MCF7 cell lysate Lane 4.: SK-OV-3 cell lysate Lane 5.: HT1080 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-FHL2 antibody	FHL2 is 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. This protein is thought to have a role in the assembly of extracellular membranes. Also, this gene is down-regulated during transformation of normal myoblasts to rhabdomyosarcoma cells and the encoded protein may function as a link between presenilin-2 and an intracellular signaling pathway. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-FHL2 antibody	Epigenomics (Transcription)
References	Verset,L., et al. (2013) Br. J. Cancer. 109 (1), 114-120. ; Han,W., et al. (2013) J. Clin. Invest. 123 (5), 2103-2118.

NCBI AND UNIPROT INFORMATION

NCBI GI #	87159836
NCBI GeneID	2274
NCBI Accession #	NP_001034581
NCBI GenBank Nucleotide #	NM_001039492.2
UniProt Accession #	Q14192; Q13229; Q13644; Q2I5I4; Q5TM15; Q9P294
Molecular Weight	15,890 Da
NCBI Official Full Name	four and a half LIM domains protein 2 isoform a
NCBI Official Synonym Full Names	four and a half LIM domains 2
NCBI Official Symbol	FHL2
NCBI Official Synonym Symbols	DRAL; AAG11; FHL-2; SLIM3; SLIM-3
NCBI Protein Information	four and a half LIM domains protein 2
UniProt Protein Name	Four and a half LIM domains protein 2
UniProt Gene Name	FHL2
UniProt Synonym Gene Names	DRAL; SLIM3; FHL-2; SLIM-3

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/fhl2-antibody-clone-at21d11-immunofluorescence-immunocytochemistry-western-blot-elisa/48950>