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FHL2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant FHL2.
Catalog # AT2050a

Product Information

Application	WB, IF
Primary Accession	Q14192
Other Accession	BC014397
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	2G3-1A5
Calculated MW	32193

Additional Information

Gene ID	2274
Other Names	Four and a half LIM domains protein 2, FHL-2, LIM domain protein DRAL, Skeletal muscle LIM-protein 3, SLIM-3, FHL2, DRAL, SLIM3
Target/Specificity	FHL2 (AAH14397, 1 a.a. ~ 279 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	FHL2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

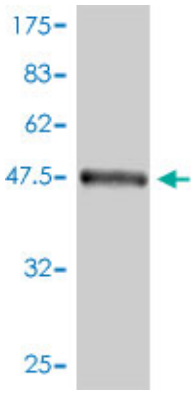
LIM proteins contain a highly conserved double zinc finger motif called the LIM domain.

References

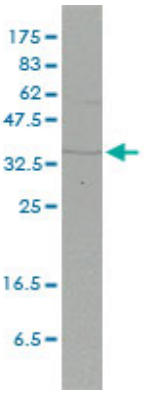
Sp1 upregulates the four and half lim 2 (FHL2) expression in gastrointestinal cancers through transcription regulation. Guo Z, et al. Mol Carcinog, 2010 Sep. PMID 20607723.Four-and-a-half LIM domain protein 2 is a novel regulator of sphingosine 1-phosphate receptor 1 in CCL19-induced dendritic cell migration. K?nig K, et al. J Immunol, 2010 Aug 1. PMID 20592280.Four-and-a-half LIM protein 2 promotes invasive potential and epithelial-mesenchymal transition in colon cancer. Zhang W, et al. Carcinogenesis, 2010 Jul. PMID

20460358.Four and a half LIM domain 2 alters the impact of aryl hydrocarbon receptor on androgen receptor transcriptional activity. Kollara A, et al. J Steroid Biochem Mol Biol, 2010 Jan. PMID 19815066.The Patched dependence receptor triggers apoptosis through a DRAL-caspase-9 complex. Mille F, et al. Nat Cell Biol, 2009 Jun. PMID 19465923.

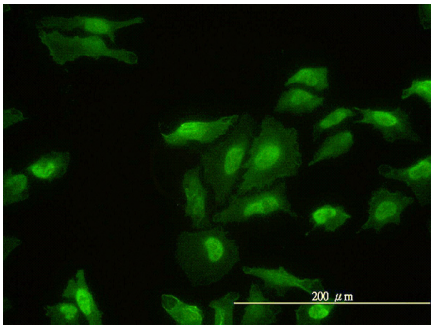
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (56.43 KDa) .



FHL2 monoclonal antibody (M01), clone 2G3-1A5 Western Blot analysis of FHL2 expression in HeLa ((Cat # AT2050a)



Immunofluorescence of monoclonal antibody to FHL2 on HeLa cell. [antibody concentration 10 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.