

FHL1 Antibody (monoclonal) (M05)**Mouse monoclonal antibody raised against a partial recombinant FHL1.****Catalog # AT2049a****Specification**

FHL1 Antibody (monoclonal) (M05) - Product Information

Application	WB, E
Primary Accession	Q13642
Other Accession	NM_001449
Reactivity	Human, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	36263

FHL1 Antibody (monoclonal) (M05) - Additional Information**Gene ID** 2273**Other Names**

Four and a half LIM domains protein 1, FHL-1, Skeletal muscle LIM-protein 1, SLIM, SLIM-1, FHL1, SLIM1

Target/Specificity

FHL1 (NP_001440, 23 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

FHL1 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

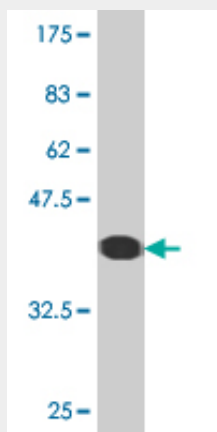
FHL1 Antibody (monoclonal) (M05) - Protocols

Provided below are standard protocols that you may find useful for product applications.

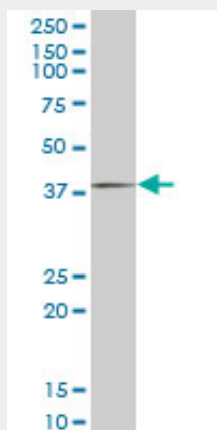
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

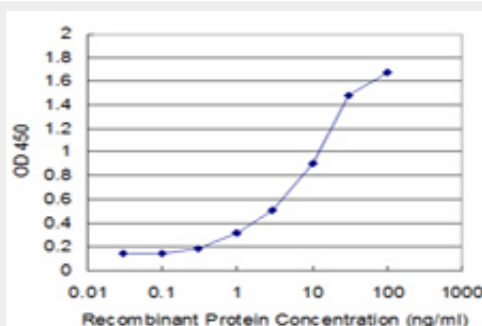
FHL1 Antibody (monoclonal) (M05) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 kDa) .



FHL1 monoclonal antibody (M05), clone 2F7. Western Blot analysis of FHL1 expression in PC-12 (Cat # AT2049a)



Detection limit for recombinant GST tagged FHL1 is approximately 0.3ng/ml as a capture antibody.

FHL1 Antibody (monoclonal) (M05) - Background

This gene encodes 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. Multiple alternately spliced transcript variants which encode different protein isoforms have been described.

FHL1 Antibody (monoclonal) (M05) - References

1.Clinical Significance of Loss of Fhl1 Expression in Human Gastric Cancer.Sakashita K, Mimori K, Tanaka F, Kamohara Y, Inoue H, Sawada T, Hirakawa K, Mori M.Ann Surg Oncol. 2008 Aug;15(8):2293-300. Epub 2008 May 9.