

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

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**FHL1 Antibody (monoclonal) (M05) - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q13642</a>
Other Accession	<a href="#">NM_001449</a>
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

E~~N/A

**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.

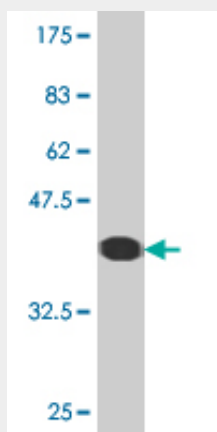
**FHL1 Antibody (monoclonal) (M05) - Protocols**

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

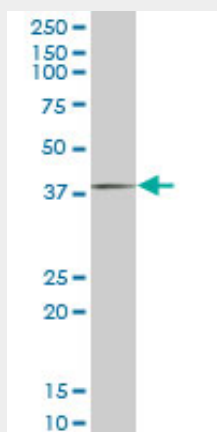
- [Western Blot](#)
- [Blocking Peptides](#)

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

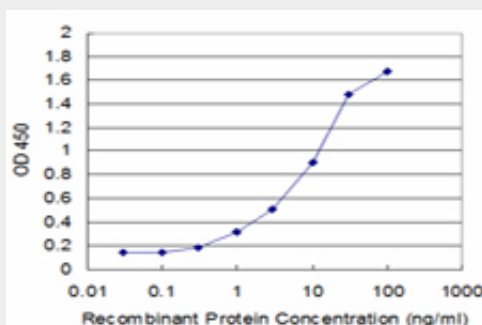
### FHL1 Antibody (monoclonal) (M05) - Images



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.