

LDB1 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant LDB1.****Catalog # AT2681a****Specification**

LDB1 Antibody (monoclonal) (M02) - Product Information

Application	WB, E
Primary Accession	Q86U70
Other Accession	NM_003893
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	46533

LDB1 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 8861**Other Names**

LIM domain-binding protein 1, LDB-1, Carboxyl-terminal LIM domain-binding protein 2, CLIM-2, LIM domain-binding factor CLIM2, hLdb1, Nuclear LIM interactor, LDB1, CLIM2

Target/Specificity

LDB1 (NP_003884, 1 a.a. ~ 110 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

LDB1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

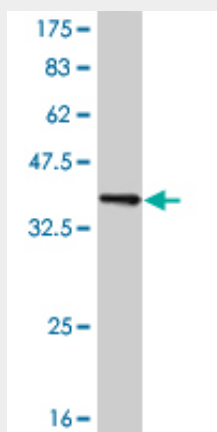
LDB1 Antibody (monoclonal) (M02) - Protocols

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

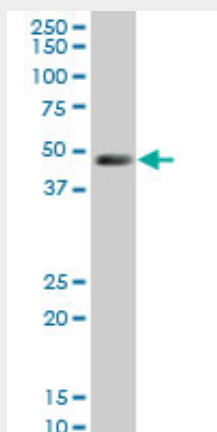
- [Western Blot](#)
- [Blocking Peptides](#)

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

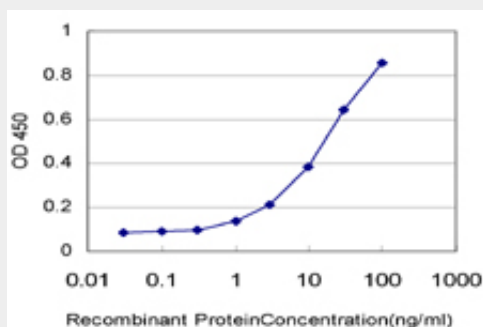
LDB1 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 kDa) .



LDB1 monoclonal antibody (M02), clone 2G9 Western Blot analysis of LDB1 expression in IMR-32 (Cat # AT2681a)



Detection limit for recombinant GST tagged LDB1 is approximately 1ng/ml as a capture antibody.

LDB1 Antibody (monoclonal) (M02) - References

Transcription intermediary factor 1gamma decreases protein expression of the transcriptional cofactor, LIM-domain-binding 1. Howard PW, et al. Biochem Biophys Res Commun, 2010 Jun 4. PMID 20447379. Regulation of LIM-domain-binding 1 protein expression by ubiquitination of Lys134. Howard PW, et al. Biochem J, 2010 Jul 1. PMID 20423330. Regulation of estrogen-dependent transcription by the LIM cofactors CLIM and RLIM in breast cancer. Johnsen SA, et al. Cancer Res, 2009 Jan 1. PMID 19117995. Implementing the LIM code: the structural basis for cell type-specific assembly of LIM-homeodomain complexes. Bhati M, et al. EMBO J, 2008 Jul 23. PMID 18583962. Assembly of the oncogenic DNA-binding complex LMO2-Ldb1-TAL1-E12. Ryan DP, et al. Proteins, 2008 Mar. PMID 17910069.