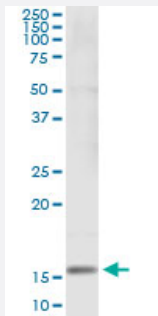


SH2D1B monoclonal antibody (M04), clone 2B4

Catalog # H00117157-M04

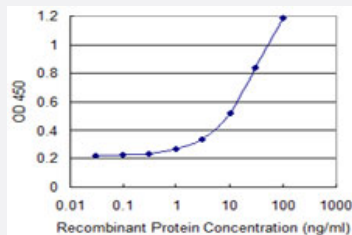
Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of SH2D1B transfected lysate using anti-SH2D1B monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SH2D1B MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SH2D1B is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SH2D1B.
Immunogen	SH2D1B (NP_444512.2, 54 a.a. ~ 132 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RIFREKHGYRIQTAEGSPKQVFPSLKELISKFEKPNQGMVVHLLKPIKRTSPSLRWRGLKLELETFVNSNSDYVDVLP
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (65); Rat (65)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

Immunoprecipitation of SH2D1B transfected lysate using anti-SH2D1B monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SH2D1B MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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[Protocol Download](#)

- ELISA

Gene Info — SH2D1B

Entrez GeneID	117157
GeneBank Accession#	NM_053282
Protein Accession#	NP_444512.2
Gene Name	SH2D1B
Gene Alias	EAT2
Gene Description	SH2 domain containing 1B
Omim ID	608510
Gene Ontology	Hyperlink

Gene Summary

By binding phosphotyrosines through its free SRC (MIM 190090) homology-2 (SH2) domain, EAT 2 regulates signal transduction through receptors expressed on the surface of antigen-presenting cells (Morra et al., 2001 [PubMed 11689425]).[supplied by OMIM]

Other Designations

OTTHUMP00000029531|SH2 domain-containing molecule EAT2

Pathway

- [Natural killer cell mediated cytotoxicity](#)