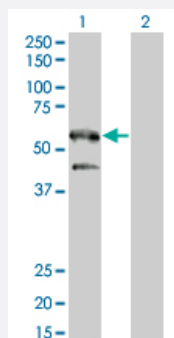


SH2B monoclonal antibody (M01), clone 2B9

Catalog # H00025970-M01

Size 100 ug

Applications

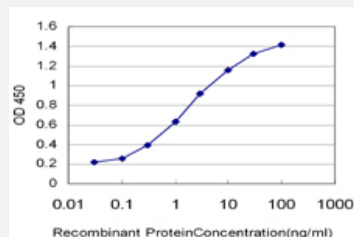


Western Blot (Transfected lysate)

Western Blot analysis of SH2B1 expression in transfected 293T cell line by SH2B1 monoclonal antibody (M01), clone 2B9.

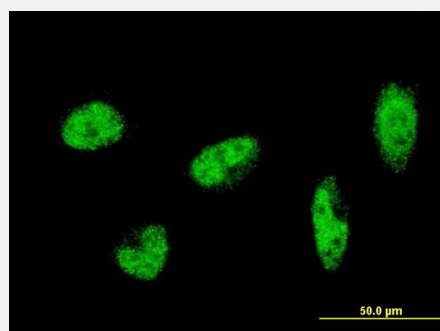
Lane 1: SH2B1 transfected lysate(52.917 KDa).

Lane 2: Non-transfected lysate.



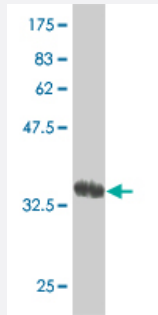
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SH2B is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to SH2B1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SH2B.
Immunogen	SH2B (AAH10704, 327 a.a. ~ 426 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GKAKHLRLSLNEEGQCRVQHLWFQSIFDMLEHFRVHPIPLESGGSSDVVLVSYVPSSQRQQGRE QAGSHAGVCEGDGCHPDASCTLMPFGASDCVTDHLP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (93)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Transfected lysate)

Western Blot analysis of SH2B1 expression in transfected 293T cell line by SH2B1 monoclonal antibody (M01), clone 2B9.

Lane 1: SH2B1 transfected lysate(52.917 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SH2B is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SH2B1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — SH2B1

Entrez GeneID [25970](#)

GeneBank Accession# [BC010704](#)

Protein Accession# [AAH10704](#)

Gene Name SH2B1

Gene Alias DKFZp547G1110, FLJ30542, KIAA1299, SH2-B, SH2B

Gene Description SH2B adaptor protein 1

Omim ID [608937](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the SH2-domain containing mediators family. The encoded protein mediates activation of various kinases and may function in cytokine and growth factor receptor signaling and cellular transformation. Alternatively spliced transcript variants have been described. [provided by RefSeq]

Other Designations SH2 domain-containing putative adapter SH2-B|SH2-B alpha signaling protein|SH2-B gamma signaling protein|SH2-B homolog

Pathway

- [Neurotrophin signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Obesity](#)
- [Weight Gain](#)