

SH2D4A Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant SH2D4A.****Catalog # AT3865a****Specification**

SH2D4A Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, IHC, E
Primary Accession	Q9H788
Other Accession	BC014525
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	52727

SH2D4A Antibody (monoclonal) (M01) - Additional Information**Gene ID** 63898**Other Names**

SH2 domain-containing protein 4A, Protein SH(2)A, Protein phosphatase 1 regulatory subunit 38, SH2D4A, PPP1R38, SH2A

Target/Specificity

SH2D4A (AAH14525, 239 a.a. ~ 338 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

SH2D4A Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

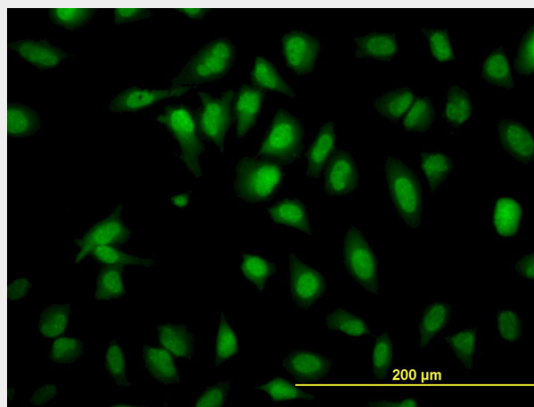
SH2D4A Antibody (monoclonal) (M01) - Protocols

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

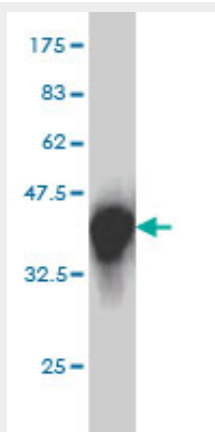
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

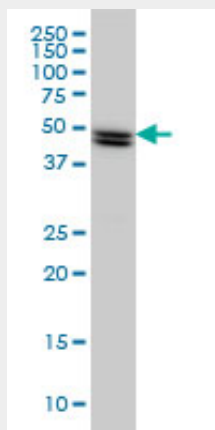
SH2D4A Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to SH2D4A on HeLa cell. [antibody concentration 30 ug/ml]

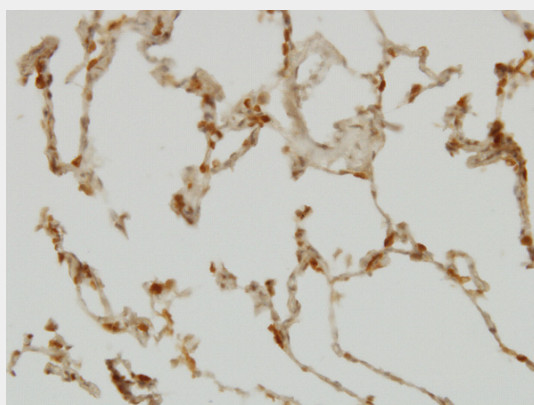


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .

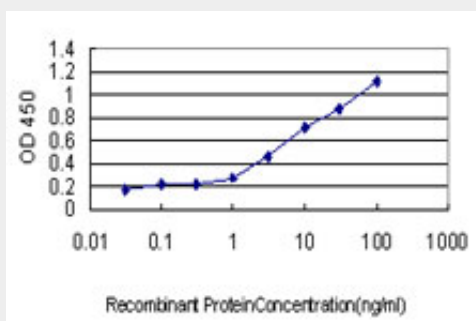


SH2D4A monoclonal antibody (M01), clone 3G8 Western Blot analysis of SH2D4A expression in

HeLa ((Cat # AT3865a)



Immunoperoxidase of monoclonal antibody to SH2D4A on formalin-fixed paraffin-embedded human lung. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged SH2D4A is approximately 0.03ng/ml as a capture antibody.

SH2D4A Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. SH2D4A regulates cell proliferation via the ERalpha/PLC-gamma/PKC pathway. Li T, et al. BMB Rep, 2009 Aug 31. PMID 19712589. An empirical framework for binary interactome mapping. Venkatesan K, et al. Nat Methods, 2009 Jan. PMID 19060904. Genetic analysis of SH2D4A, a novel adapter protein related to T cell-specific adapter and adapter protein in lymphocytes of unknown function, reveals a redundant function in T cells. Lapinski PE, et al. J Immunol, 2008 Aug 1. PMID 18641339. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.