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STAMBP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant STAMBP.
Catalog # AT4058a

Product Information

Application	IF, E
Primary Accession	O95630
Other Accession	BC065574
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a kappa
Clone Names	1A8
Calculated MW	48077

Additional Information

Gene ID	10617
Other Names	STAM-binding protein, 3419-, Associated molecule with the SH3 domain of STAM, Endosome-associated ubiquitin isopeptidase, STAMBP, AMSH
Target/Specificity	STAMBP (AAH65574, 1 a.a. ~ 424 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	IF~~1:50~200 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	STAMBP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

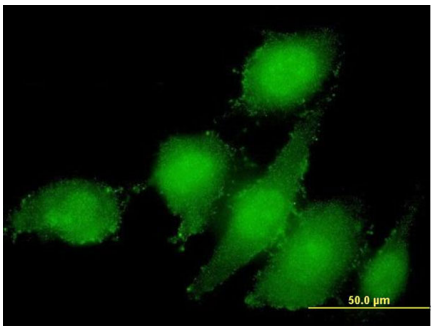
Background

Cytokine-mediated signal transduction in the JAK-STAT cascade requires the involvement of adaptor molecules. One such signal-transducing adaptor molecule contains an SH3 domain that is required for induction of MYC and cell growth. The protein encoded by this gene binds to the SH3 domain of the signal-transducing adaptor molecule, and plays a critical role in cytokine-mediated signaling for MYC induction and cell cycle progression. Multiple alternatively spliced transcript variants encoding the same protein isoform have been found for this gene.

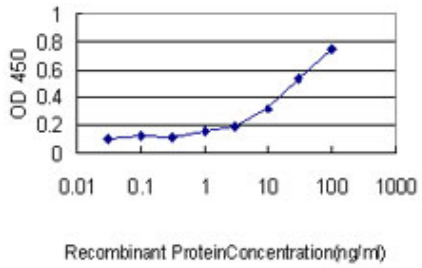
References

AMSH interacts with ESCRT-0 to regulate the stability and trafficking of CXCR4. Sierra MI, et al. J Biol Chem, 2010 Apr 30. PMID 20159979.Discovery of novel human transcript variants by analysis of intronic single-block EST with polyadenylation site. Wang P, et al. BMC Genomics, 2009 Nov 12. PMID 19906316.Endosomal deubiquitinating enzymes control ubiquitination and down-regulation of protease-activated receptor 2. Hasdemir B, et al. J Biol Chem, 2009 Oct 9. PMID 19684015.Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.An empirical framework for binary interactome mapping. Venkatesan K, et al. Nat Methods, 2009 Jan. PMID 19060904.

Images



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.