

**STAMBP Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a full length recombinant STAMBP.****Catalog # AT4058a****Specification**

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**STAMBP Antibody (monoclonal) (M01) - Product Information**

Application	IF, E
Primary Accession	<a href="#">O95630</a>
Other Accession	<a href="#">BC065574</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a kappa
Calculated MW	48077

**STAMBP Antibody (monoclonal) (M01) - 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.

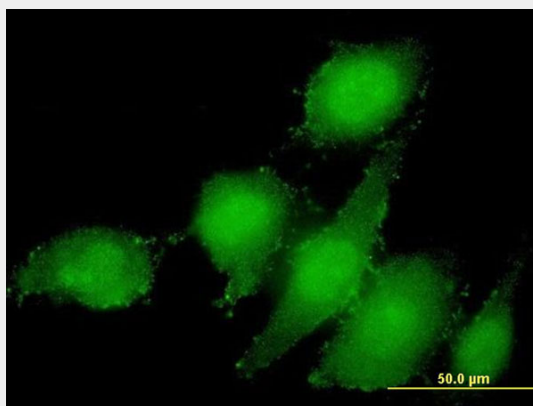
**STAMBP Antibody (monoclonal) (M01) - Protocols**

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

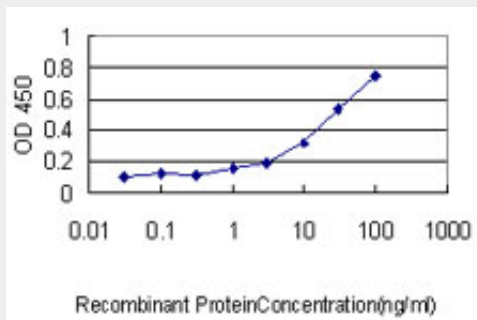
- [Western Blot](#)
- [Blocking Peptides](#)

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

### STAMPB Antibody (monoclonal) (M01) - Images



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



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

### STAMPB Antibody (monoclonal) (M01) - 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.

### STAMPB Antibody (monoclonal) (M01) - 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.