

**SAV1 Antibody (monoclonal) (M04)****Mouse monoclonal antibody raised against a partial recombinant SAV1.****Catalog # AT3775a****Specification**

---

**SAV1 Antibody (monoclonal) (M04) - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q9H4B6</a>
Other Accession	<a href="#">NM_021818</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	44634

**SAV1 Antibody (monoclonal) (M04) - Additional Information****Gene ID** 60485**Other Names**

Protein salvador homolog 1, 45 kDa WW domain protein, hWW45, SAV1, WW45

**Target/Specificity**

SAV1 (NP\_068590, 300 a.a. ~ 383 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

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**

SAV1 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

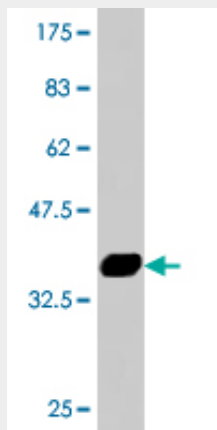
**SAV1 Antibody (monoclonal) (M04) - Protocols**

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

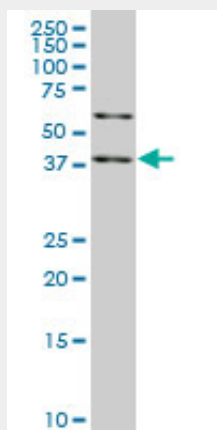
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

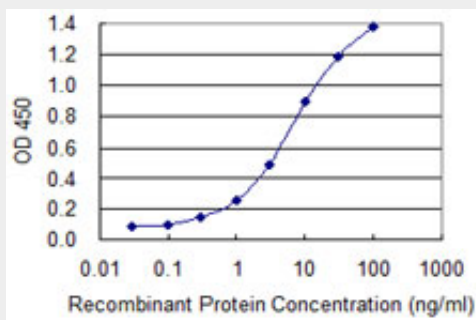
### SAV1 Antibody (monoclonal) (M04) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.98 kDa) .



SAV1 monoclonal antibody (M04), clone 3A10. Western Blot analysis of SAV1 expression in HeLa S3 NE (Cat # AT3775a)



Detection limit for recombinant GST tagged SAV1 is 0.1 ng/ml as a capture antibody.

### SAV1 Antibody (monoclonal) (M04) - Background

WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein which contains 2 WW domains and a coiled-coil region. It is ubiquitously expressed in adult tissues. The encoded protein is 94% identical to the mouse protein at the amino acid level.

#### **SAV1 Antibody (monoclonal) (M04) - References**

The human WW45 protein enhances MST1-mediated apoptosis in vivo. Luo X, et al. Int J Mol Med, 2009 Mar. PMID 19212654. Association of mammalian sterile twenty kinases, Mst1 and Mst2, with hSalvador via C-terminal coiled-coil domains, leads to its stabilization and phosphorylation. Callus BA, et al. FEBS J, 2006 Sep. PMID 16930133. Targeted proteomic analysis of 14-3-3 sigma, a p53 effector commonly silenced in cancer. Benzinger A, et al. Mol Cell Proteomics, 2005 Jun. PMID 15778465. The Ste20-like kinase Mst2 activates the human large tumor suppressor kinase Lats1. Chan EH, et al. Oncogene, 2005 Mar 17. PMID 15688006. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.