

## STX6 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant STX6.

Catalog # AT4099a

### Product Information

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<b>Application</b>	WB, IHC, IF, E
<b>Primary Accession</b>	<a href="#">O43752</a>
<b>Other Accession</b>	<a href="#">BC009944</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 kappa
<b>Clone Names</b>	1G2
<b>Calculated MW</b>	29176

### Additional Information

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<b>Gene ID</b>	10228
<b>Other Names</b>	Syntaxin-6, STX6
<b>Target/Specificity</b>	STX6 (AAH09944.1, 1 a.a. ~ 255 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	STX6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

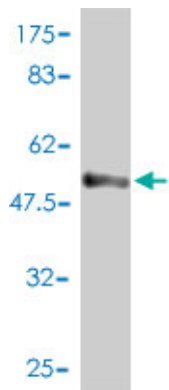
### References

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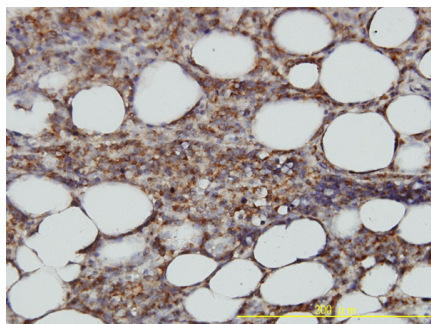
Syntaxin 6 and CAL mediate the degradation of the cystic fibrosis transmembrane conductance regulator. Cheng J, et al. Mol Biol Cell, 2010 Apr 1. PMID 20130090. Syntaxin 6, a regulator of the protein trafficking machinery and a target of the p53 family, is required for cell adhesion and survival. Zhang Y, et al. J Biol Chem, 2008 Nov 7. PMID 18779328. The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414. MARCH-II is a syntaxin-6-binding protein involved in endosomal trafficking. Nakamura N, et al. Mol Biol Cell, 2005 Apr. PMID 15689499. 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.

### Images

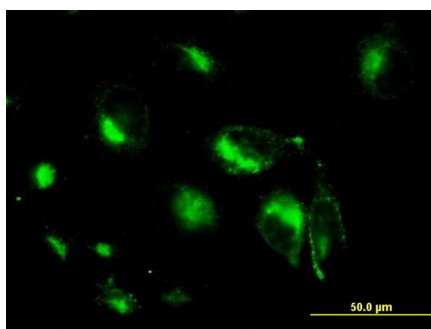
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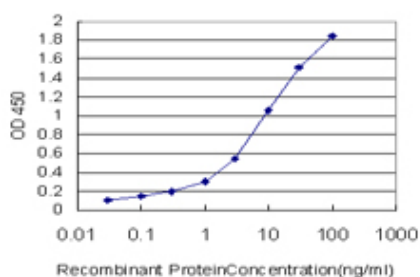
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (53.79 KDa) .



Immunoperoxidase of monoclonal antibody to STX6 on formalin-fixed paraffin-embedded human malignant lymphoma, diffuse large B tissue. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to STX6 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged STX6 is approximately 0.1 ng/ml as a capture antibody.

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