

**STX4A Antibody (monoclonal) (M02)**

Mouse monoclonal antibody raised against a partial recombinant STX4A.

Catalog # AT4096a

**Specification**

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**STX4A Antibody (monoclonal) (M02) - Product Information**

Application	IF, WB, E
Primary Accession	<a href="#">Q12846</a>
Other Accession	<a href="#">NM_004604</a>
Reactivity	Human, Mouse
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	34180

**STX4A Antibody (monoclonal) (M02) - Additional Information****Gene ID** 6810**Other Names**

Syntaxin-4, Renal carcinoma antigen NY-REN-31, STX4, STX4A

**Target/Specificity**

STX4A (NP\_004595, 19 a.a. ~ 119 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**

STX4A Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

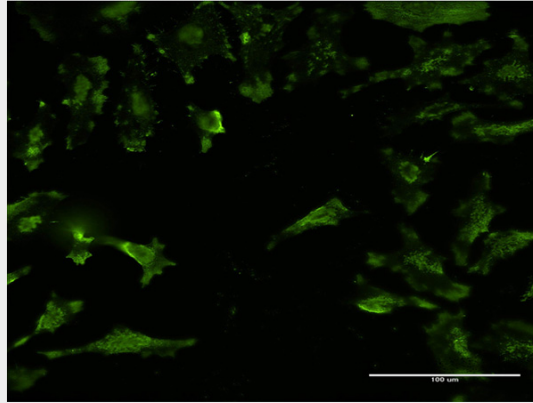
**STX4A Antibody (monoclonal) (M02) - Protocols**

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

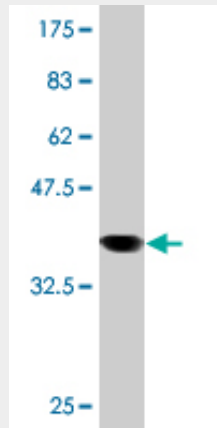
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

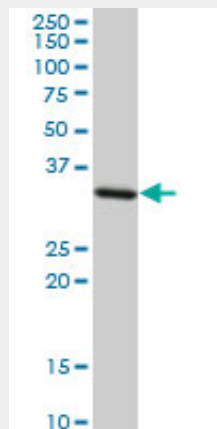
### STX4A Antibody (monoclonal) (M02) - Images



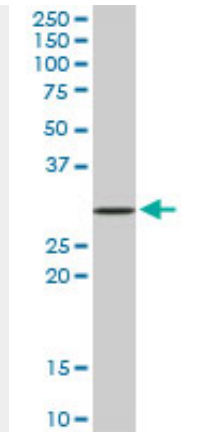
Immunofluorescence of monoclonal antibody to STX4 on HeLa cell . [antibody concentration 10 ug/ml]



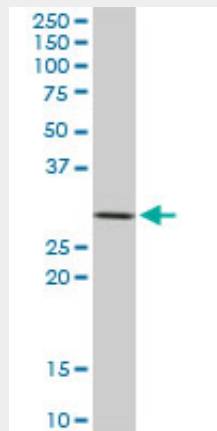
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.85 KDa) .



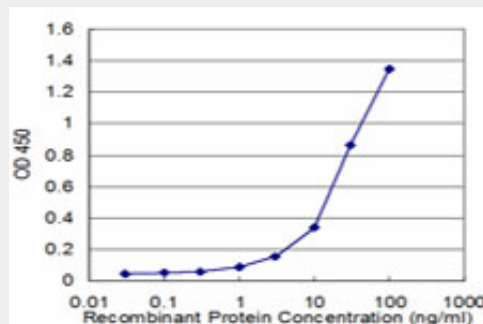
STX4A monoclonal antibody (M02), clone 6A1. Western Blot analysis of STX4A expression in HeLa ( (Cat # AT4096a )



STX4A monoclonal antibody (M02), clone 6A1. Western Blot analysis of STX4A expression in Raw 264.7((Cat # AT4096a )



STX4A monoclonal antibody (M02), clone 6A1. Western Blot analysis of STX4A expression in NIH/3T3((Cat # AT4096a )



Detection limit for recombinant GST tagged STX4A is approximately 1ng/ml as a capture antibody.

### STX4A Antibody (monoclonal) (M02) - References

Syntaxin-4 defines a domain for activity-dependent exocytosis in dendritic spines. Kennedy MJ, et al. Cell, 2010 Apr 30. PMID 20434989. Regulation of the hDIg/hScrib/Hugl-1 tumour suppressor complex. Massimi P, et al. Exp Cell Res, 2008 Nov 1. PMID 18793635. Involvement of Munc18 isoforms in the regulation of granule exocytosis in neutrophils. Brochetta C, et al. Biochim Biophys Acta, 2008 Oct. PMID 18588921. A genome-wide scan for common genetic variants with a large influence on warfarin maintenance dose. Cooper GM, et al. Blood, 2008 Aug 15. PMID 18535201. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.