

MYT1 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant MYT1.****Catalog # AT2967a****Specification**

MYT1 Antibody (monoclonal) (M02) - Product Information

Application	WB
Primary Accession	Q01538
Other Accession	NM_004535
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Lambda
Calculated MW	122329

MYT1 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 4661**Other Names**

Myelin transcription factor 1, MyT1, Myelin transcription factor I, MyTI, PLPB1, Proteolipid protein-binding protein, MYT1, KIAA0835, KIAA1050, MTF1, MYTI, PLPB1

Target/Specificity

MYT1 (NP_004526, 586 a.a. ~ 685 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

MYT1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

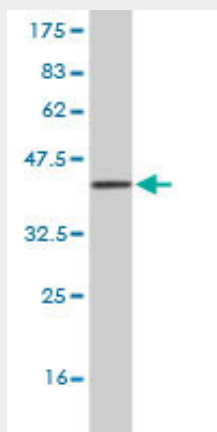
MYT1 Antibody (monoclonal) (M02) - Protocols

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](#)

MYT1 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .

MYT1 Antibody (monoclonal) (M02) - Background

The protein encoded by this gene is a member of a family of neural specific, zinc finger-containing DNA-binding proteins. The protein binds to the promoter regions of proteolipid proteins of the central nervous system and plays a role in the developing nervous system.

MYT1 Antibody (monoclonal) (M02) - References

c-Jun N-terminal kinase 1 phosphorylates Myt1 to prevent UVA-induced skin cancer. Choi HS, et al. Mol Cell Biol, 2009 Apr. PMID 19204086. Evaluating new candidate SNPs as low penetrance risk factors in sporadic breast cancer: a two-stage Spanish case-control study. Vega A, et al. Gynecol Oncol, 2009 Jan. PMID 18950845. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. Myelin transcription factor 1 (Myt1) expression in demyelinated lesions of rodent and human CNS. Vana AC, et al. Glia, 2007 May. PMID 17330875. Myelin transcription factor 1 (Myt1) modulates the proliferation and differentiation of oligodendrocyte lineage cells. Nielsen JA, et al. Mol Cell Neurosci, 2004 Jan. PMID 14962745.