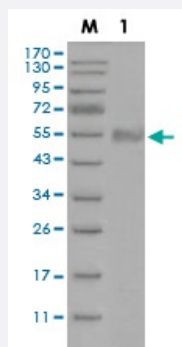


SYT1 monoclonal antibody, clone 8G11B10

Catalog # MAB17691 Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis of truncated Trx-SYT1 recombinant protein.

Specification

Product Description Mouse monoclonal antibody raised against recombinant human SYT1.

Immunogen Recombinant protein corresponding to human SYT1 from *E. coli*.

Host Mouse

Reactivity Human

Form Liquid

Isotype IgG1

Recommend Usage

- ELISA (1:10000)
- Flow Cytometry
- Immunocytochemistry
- Immunohistochemistry
- Western Blot (1:500-1:2000)
- The optimal working dilution should be determined by the end user.

Storage Buffer In ascites (0.03% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western blot analysis of truncated Trx-SYT1 recombinant protein.

Gene Info — SYT1

Entrez GeneID	6857
Gene Name	SYT1
Gene Alias	DKFZp781D2042, P65, SVP65, SYT
Gene Description	synaptotagmin I
Omim ID	185605
Gene Ontology	Hyperlink
Gene Summary	The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis. Calcium binding to synaptotagmin I participates in triggering neurotransmitter release at the synapse (Fernandez-Chacon et al., 2001 [PubMed 11242035]).[supplied by OMIM]
Other Designations	OTTHUMP00000166064 synaptotagmin 1

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Mental Retardation](#)
- [Tobacco Use Disorder](#)