

Mouse Monoclonal Antibody to SYT1

Catalogue Number	sAP-0235
Target Molecule	Name: SYT1 Aliases: P65; SYT; SVP65; DKFZp781D2042 MW: N/A Entrez Gene ID: 6857
Description	SYT1: synaptotagmin I. 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.
Immunogen	Purified recombinant fragment of SYT1 expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM8G11B10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cell. 2005 Sep 23;122(6):957-68. ; 2. FASEB J. 2008 Jun;22(6):2045-52.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**