

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. ;

Reactive 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 H2O, 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**