

À des fins de recherche uniquement

Anticorps Monoclonal anti-Synaptotagmin-1



Numéro de catalogue: **CL488-68043**

Informations de base

Numéro de catalogue:	CL488-68043	Numéro d'acquisition GenBank:	BC058917	Méthode de purification:	Purification par protéine G
Taille:	100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	6857	CloneNo.:	1H1H2
Hôte:	Mouse	Nom complet:	synaptotagmin I	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
Isotype:	IgG1	MW calculé	48 kDa		
Immunogen Catalog Number:	AG6071	MW observés:	60-65 kDa		

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain, Lapin, porc, poulet, rat, souris

Informations générales

The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis (PMID: 8058779). SYT1 (synaptotagmin I) was firstly identified as a 65-kDa protein with a wide distribution in neuronal and neurosecretory tissue (PMID: 7298720). Calcium binding to SYT1 participates in triggering neurotransmitter release at the synapse (PMID: 11242035). In addition to regulating exocytosis, SYT1 has also been implicated in endocytosis and neurite outgrowth (PMID: 15492212; 11078930; 10336114).

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

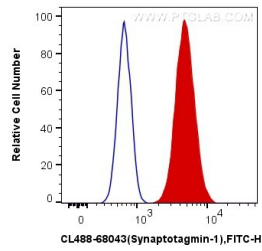
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1×10^6 SH-SY5Y cells were intracellularly stained with 0.4 μ g CoraLite® Plus 488 Anti-Human Synaptotagmin-1 (CL488-68043, Clone:1H1H2) (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).