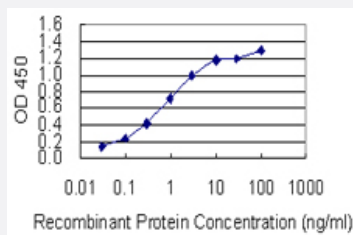


SYT13 monoclonal antibody (M04), clone 1H3

Catalog # H00057586-M04

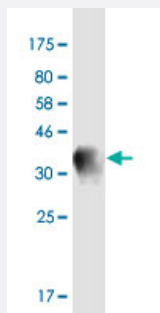
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SYT13 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SYT13.
Immunogen	SYT13 (NP_065877.1, 36 a.a. ~ 135 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KKGLLPDQDPDLEKAKPSLLGSAQQFNVKKSTEPVQPRALLKFPDIYGPRPAVTAPEVINYADY SLRSTEEPTAPASPQPPNDSRLKRQVTEELFILPQ
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (89); Rat (89)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SYT13 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SYT13

Entrez GeneID	57586
GeneBank Accession#	NM_020826
Protein Accession#	NP_065877.1
Gene Name	SYT13
Gene Alias	KIAA1427
Gene Description	synaptotagmin XIII
Omim ID	607716
Gene Ontology	Hyperlink

Gene Summary

SYT13 belongs to the large synaptotagmin protein family. All synaptotagmins show type I membrane topology, with an extracellular N terminus, a single transmembrane region, and a cytoplasmic C terminus containing tandem C2 domains. Major functions of synaptotagmins include vesicular trafficking, exocytosis, and secretion.[supplied by OMIM]

Other Designations

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Disease

- [Tobacco Use Disorder](#)