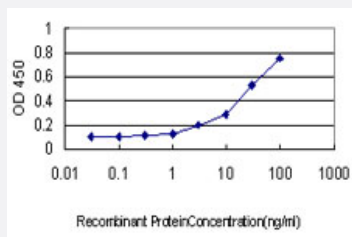


NLGN4Y monoclonal antibody (M01), clone 1E4

Catalog # H00022829-M01

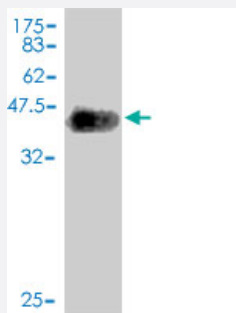
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NLGN4Y is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (40.48 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant NLGN4Y.
Immunogen	NLGN4Y (AAH32567, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLPIWFTTSLDTLMTYVQDQNECLYLNIVPMEDGTNIKRNADDITSNDHGDKDIHEQNSKKPV MVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGMQEARLCGSSKMFNYFKSPFTNLINFF
Host	Mouse
Reactivity	Human
Isotype	IgG1 kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (40.48 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 NLGN4Y is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NLGN4Y

Entrez GeneID

[22829](#)

GeneBank Accession#

[BC032567](#)

Protein Accession#

[AAH32567](#)

Gene Name

NLGN4Y

Gene Alias

KIAA0951

Gene Description

neuroligin 4, Y-linked

Omim ID

[400028](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Neuroligins, such as NLGN4Y, are cell adhesion molecules present at the postsynaptic side of the synapse and may be essential for the formation of functional synapses (Jamain et al., 2003 [PubMed 12669065]).[supplied by OMIM]

Other Designations

OTTHUMP00000034787|OTTHUMP00000034789|neuroligin 4, Y linked

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)