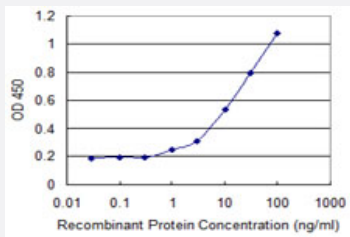


GM2A monoclonal antibody (M02), clone 2C8

Catalog # H00002760-M02

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GM2A is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GM2A.
Immunogen	GM2A (NP_000396.2, 94 a.a. ~ 193 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	WIKIPCTDYIGSCTFEHFCDVLDMLIPTGEPCEPLRITYGLPCHCPFKEGTYSLPKSEFVVPDLELP SWLTTGNYRIESVLSSSGKRLGCIKIAASLKG
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GM2A is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GM2A

Entrez GeneID [2760](#)

GeneBank Accession# [NM_000405](#)

Protein Accession# [NP_000396.2](#)

Gene Name GM2A

Gene Alias SAP-3

Gene Description GM2 ganglioside activator

Omim ID [272750](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a small glycolipid transport protein which acts as a substrate specific co-factor for the lysosomal enzyme beta-hexosaminidase A. Beta-hexosaminidase A, together with GM2 ganglioside activator, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Mutations in this gene result in GM2-gangliosidosis type A B or the AB variant of Tay-Sachs disease. [provided by RefSeq]

Other Designations cerebroside sulfate activator protein|sphingolipid activator protein 3

Pathway

- [Lysosome](#)

Disease

- [Tobacco Use Disorder](#)