



# Mouse Anti-GT1a Monoclonal Antibody, Clone HNS22 (CABT-L7830)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Specificity	Ganglioside GT1a
Target	GT1a
Immunogen	Purified ganglioside GT1a adsorbed to Salmonella Minnesota
Isotype	IgM, κ
Source/Host	Mouse
Clone	HNS22
Purification	The antibody is purified from mouse ascites fluid.
Conjugate	Unconjugated
Applications	TLC, ELISA, IHC
Format	Liquid
Concentration	Lot specific
Buffer	PBS with 0.05% sodium azide
Preservative	0.05% sodium azide
Storage	Store at -20°C.
Ship	Wet ice

## BACKGROUND

**Introduction**

A ganglioside is a molecule composed of a glycosphingolipid (ceramide and oligosaccharide) with one or more sialic acids (e.g. n-acetylneuraminic acid, NANA) linked on the sugar chain. GT1a ganglioside is one of the minor neuronal gangliosides. Demonstrates high-affinity binding with amyloid beta-protein, useful as one of the markers of Alzheimer disease. Recently, gangliosides have been found to be highly important molecules in immunology. Natural and semisynthetic gangliosides are considered possible therapeutics for neurodegenerative disorders.

**Keywords**

Ganglioside GT1a; Ganglioside; GT1a; GT1a ganglioside