



# Mouse Anti-GT1b Monoclonal Antibody, Clone HNS6 (CABT-L7832)

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

## PRODUCT INFORMATION

Specificity	GT1b
Target	GT1b
Immunogen	Purified ganglioside GT1b
Isotype	IgM, κ
Source/Host	Mouse
Clone	HNS6
Purification	The antibody is purified from mouse ascites fluid.
Conjugate	Unconjugated
Applications	TLC, FC, 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. Ganglioside GT1b (d18:1/26:1(17Z)) is a GT1b ganglioside, A glycosphingolipid (ceramide and oligosaccharide) or oligoglycosylceramide with one or more sialic acids (i.e. n-acetylneuraminic acid) linked on the sugar chain. It is a component the cell plasma membrane which modulates cell signal transduction events.

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 GT1b; Ganglioside; GT1b