



# 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

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