Anti-GM₁ Monoclonal Antibody

Product Information

Product No.: AMS.A2505
Volume/Quantity: 0.1 mg/vial
Product Form: Purified mouse monoclonal antibody/IgM, κ-chain
Buffer: Phosphate buffered-saline(-) (PBS(-))
Preparation: The antibody is purified from mouse ascites fluid.
Preservative: 0.05% sodium azide
Stabilizer: None
Immunogen: Purified ganglioside GM₁
Specificity: GM₁
Clone Name: GMB16

Applications

TLC-immunostaining, Flow cytometric analysis, Enzyme-Linked Immunosorbent Assay, Immunocytochemistry, Immunohistochemistry
(Since applications vary, each investigator must determine appropriate dilutions for individual use)

Storage

Store in freezer (-20ºC to -80ºC). It is not recommended storing at 4ºC. Avoid repeated freezing and thawing.
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Note
For research use only. Not for Diagnostic or Therapeutic Use

References

1. Generation of one set of monoclonal antibodies specific for a-pathway gangliosides

2. Characterization of ganglioside expression in human melanoma cells:
   Immunological and biochemical analysis
   I. Kawashima, H. Ozawa, M. Kotani, M. Suzuki, T. Kawano, M. Gomibuchi, T. Tai,
   J. Biochem. 1993, 114, 186.

3. Developmental changes of ganglioside expressions in postnatal rat cerebellar cortex

4. Differential distribution of ganglioside GM₁ and sulfatide during the development of Xenopus embryos

5. Immunocytochemical analysis of gangliosides in rat primary cerebellar cultures using specific monoclonal antibodies

6. Cell type-specific expression of ganglioside antigens in the central nervous system