



Monoclonal Anti-N-Acetyl GM2

Code: 370640

Lot. : 04502

Size: 0.2mg/vial

Description

Clone	MK1-16
Isotype	Mouse IgM, κ-chain
Physical state	Liquid
Buffer	Phosphate buffered-saline (-) (PBS(-))
Stabilizer	None
Preservative	0.02% sodium azide
Purification	Purified by Cellulofine GCL-2000-sf gel filtration
Concentration	1.0mg/mL (Immunoglobulin fractions)
Package size	200µL/vial
Immunogen	N-acetyl GM2 + Monophosphoryl lipid A + Treharose dimycolate emulsion

Specificity:

Recognition	N-acetyl GM2 (II ³ NeuAc α- Gg ₃ Cer) ^{*see reference 1,2)}
Localization	vertebral central nervous system and various tumors such as lung cancers and germ cell tumors
Comment;	This Monoclonal antibody does not recognize N-glycolyl GM2 (II ³ NeuGc α- Gg ₃ Cer). ^{*see reference 1,2)}

Recommend Applications: the exact dilution must be determined by the researcher.

Flow cytometric analysis	Unknown
Immunohistochemistry	Paraffin section; unknown Frozen section; 1:50-100 (2-1µg)
ELISA	1:1,000-2,000
TLC-immunostaining	1:500

Storage: Stored at 4°C until opened. Diluted material should be used within a week.
Avoid repeated freezing and thawing.

References:

- 1) Miyake, M. et al, *Cancer Research* 48: 6154-6160, 1988
- 2) Miyake, M. et al, *Cancer* 65: 499-505, 1990

Note: For *in vitro* research use only, not for diagnostic or therapeutic use. This product is not medical device.
This product is warranted for a period of one year after date of receipt when storage and usage conditions are adhered to as described on the package insert.

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