Anti-Ganglioside GM1 antibody ab31119

Overview

Product name: Anti-Ganglioside GM1 antibody
Description: Rabbit polyclonal to Ganglioside GM1
Host species: Rabbit
Specificity: Recognizes ganglioside GM1. Expresses some reactivity to asialo GM1 due to the natural background in rabbit. Does not crossreact with other carbohydrate epitopes.

Tested applications: Suitable for: ICC/IF, ELISA, Thin Layer Chromatography

Immunogen: Other Immunogen Type corresponding to Cow Ganglioside GM1. Immunogen=Purified monosialoganglioside GM1 and complete Freund’s adjuvant.

General notes: Addition of glycerol as a cryopreservative is not recommended.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze/thaw cycle.
Storage buffer: Constituent: Whole serum
Purity: Whole antiserum
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab31119 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>ICC/IF</td>
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<td>Use at an assay dependent concentration.</td>
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<td>ELISA</td>
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A member of the family of glycosphingolipids, monosialoanglioside acts as a receptor and antigen for cholera. GM1 ganglioside, one of the glycosphingolipids widely distributed in all tissues, occurs in highest concentrations in the central nervous system (CNS). It is primarily located in the outer surface of the mammalian cell's plasma membrane and in synaptic membranes of the CNS. GM1 ganglioside modulates a number of cell surface and receptor activities as well as neuronal differentiation and development, protein phosphorylation and synaptic function.

**Cellular localization**

Plasma membrane

**Please note:** *All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"*

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