

# Anti-NeuGcGM3/GM3 Antibody (chP3)

## Summary

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<b>Catalog No.</b>	RGK11202
<b>Clone ID</b>	chP3
<b>Host species</b>	Mouse
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a, kappa
<b>Applications</b>	ELISA, IHC
<b>Target</b>	NeuGcGM3, Ganglioside N-glycolyl GM3, N-glycolylneuraminic acid - NeuGc, NGNA-GM3 ganglioside, NeuGcGM3
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	ChEBI ID : 84118
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.
<b>Note</b>	For research use only.

## Description

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Chimeric P3 antibody specifically reacted with GM3(NeuGc) and GM2(NeuGc) gangliosides, and not with their acetylated variants. The chimeric antibody chP3 selectively recognizes a broad variety of NeuGc gangliosides, showing no cross-reactivity to the highly similar N-acetylated (NeuAc) gangliosides. We have further investigated the interaction of chP3 with its anti-idiotypic antibody, 1E10 (also known as Racotumomab), currently in clinical trials as a cancer vaccine.

## Data Image

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