

Anti-Ganglioside GM1 hIgM (WO1) mAb

Catalog No.	RGK28706A RGK28706B	Quantity:	100 µg 1.0 mg
Alternate Names:	Ganglioside GM1, Ganglioside A2, Ganglioside G4, Ganglioside GGtet1, Ganglioside GI, Monosialoganglioside GM1		
Description:	GM1 (monosialotetrahexosylganglioside) the "prototype" ganglioside, is a member of the ganglio series of gangliosides which contain one sialic acid residue. GM1 has important physiological properties and impacts neuronal plasticity and repair mechanisms, and the release of neurotrophins in the brain. Besides its function in the physiology of the brain, GM1 acts as the site of binding for both cholera toxin and E. coli heat-labile enterotoxin. Antibodies to GM1 are increased in Guillain–Barré syndrome, dementia and lupus but their function is not clear.		
ChEBI:	61048		
Specificity:	Human Ganglioside GM1		
Concentration:	1.0 mg/ml, lot specific		
Isotype:	Human IgM		
Formulation:	Sterile-filtered 0.01M PBS, pH 7.4		
Clone:	WO1		
Purity:	> 95% by SDS-PAGE.		
Purification:	Protein L affinity chromatography from cell culture supernatant		
Applications:	ELISA		
Storage & Stability:	Store at 2-8°C for 1-2 weeks or unopened at -20°C to -80°C for up to 1 year. It is recommended to prepare aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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