

## Anti-Human Ganglioside GM1 (F6) mAb

<b>Catalog No.</b>	RGK28704A RGK28704B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	Ganglioside GM1, Ganglioside A2, Ganglioside G4, Ganglioside GGtet1, Ganglioside GI, Monosialoganglioside GM1		
<b>Description:</b>	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.		
<b>ChEBI:</b>	61048		
<b>Specificity:</b>	Human Ganglioside GM1		
<b>Concentration:</b>	1.0 mg/ml, lot specific		
<b>Isotype:</b>	Human IgG1 kappa		
<b>Formulation:</b>	Sterile-filtered 0.01M PBS, pH 7.4		
<b>Clone:</b>	F6		
<b>Purity:</b>	> 95% by SDS-PAGE.		
<b>Purification:</b>	Protein A/G affinity chromatography from cell culture supernatant		
<b>Applications:</b>	ELISA		
<b>Storage &amp; Stability:</b>	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. <b>Avoid repeated freeze-thaw cycles.</b>		

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