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Mouse Anti-Neu5Ac/O-sialic acid/Polysialic acid (Ab735) mAb

Catalog No.	RGK29702A RGK29702B	**Quantity:**	100 µg 1.0 mg

Alternate Names: Polysialic acid, alpha(2,8)-linked sialic acid polysaccharide, α-2,8-linked sialic acid polymer, SIA, O-Sialic acid, α-Neu5Ac, N-acetyl-α-neuraminic acid

Description: All eukaryotic systems and several prokaryotes express sialic acids, and other pathogenic bacteria, viruses and parasites utilize cell surface sialic acids as ligands as a means to adhere to cells, with the influenza viruses being the most well-known example of sialic-binding pathogens. N-Acetylneuraminic acid (Neu5Ac or NANA) is the predominant sialic acid found in human cells, and many mammalian cells. Neu5Ac residues are also found in glycolipids, known as gangliosides, a crucial component of neuronal membranes found in the brain.

ChEBI: 48428, 17012, 26206, 49026

Specificity: N-acetyl-α-neuraminic acid, O-sialic acid

Concentration: 1.0 mg/ml, lot specific

Isotype: Mouse IgG2a

Formulation: Sterile-filtered 0.01M PBS, pH 7.4

Clone: Ab735

Purity: > 95% by SDS-PAGE.

Purification: Protein A/G affinity chromatography from cell culture supernatant

Applications: ELISA, FC

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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