

Polysialic acid Recombinant Antibody

Anti-Polysialic acid [735]

CATALOG # AAA71947	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry
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PRODUCT SYNONYMS

Polysialic acid; Anti-Polysialic acid [735]; PSA; N-CAM; neural cell adhesion molecule; polySA; Polysialic acid recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Isotype	Mouse IgG2a, kappa
Clone Number	735
Specificity	Recognizes Polysialic acid (PSA), a carbohydrate polymer attached to the neural cell adhesion molecule (NCAM), which shares molecular epitopes with homopolymers of α 2,8-linked sialic acid of Escherichia coli K1.
Purity/Purification	Protein A Affinity Purified
Form/Format	Supplied in PBS with 0.02% Proclin 300
Concentration	1mg/mL (varies by lot)
Sequence Length	346
Applicable Applications for Polysialic acid recombinant antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	Homopolymers of α 2,8-linked sialic acid of Escherichia coli K1.
Preparation and Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

ADDITIONAL INFORMATION

Related Product Information for Polysialic acid recombinant antibody	Recombinant monoclonal antibody to Polysialic acid. Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 735.
Product Categories/Family for Polysialic acid recombinant antibody	Neurobiology ; Development ; Cancer
References	Bitter-Suermann & Roth EMonoclonal antibodies to polysialic acid reveal epitope sharing between invasive pathogenic bacteria, differentiating cells and tumor cells. Immunol Res. 1987; 6(4):225-37. PMID:2448401

NCBI AND UNIPROT INFORMATION

NCBI GI #	349739497
NCBI Official Full Name	polysialic acid capsule biosynthesis sialic acid synthase NeuB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.