

Product Datasheet

Polysialic acid antibody (orb348875)

Description

Mouse monoclonal antibody to Polysialic acid

Species/Host

Mouse

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested

FC, IB, IHC, IP, WB

Applications
Immunogen

Homopolymers of α 2,8-linked sialic acid of Escherichia coli K1.

Target

Polysialic acid

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

Clone 735 was used for immunostaining and immunoprecipitation in an experimental setup involving antigen preparation from PBMC (Peripheral Blood Mononuclear Cells) (Husmann et al., 1989; PMID: 2529126). This antibody recognises an unusual postranslational modification on neural cell adhesion molecules important in synaptogenesis, oncogenesis (particularly small-cell lung cancer) and development of organs such as the kidney (studied in rats, Lackie et al., 1990). 735 was used for Western blot analysis of PSA-NCAM (Polysialylated Neural Cell Adhesion Molecule) (Charter et al., 2000; PMID: 11030751). In addition to various studies on human cells, the antibody, has also been used the study the fine-composition of polysialic acid composition in mice (Galuska et al., 2006).

Isotype

IgG2a

Clonality

Monoclonal

Purity

Purified

Expiration Date

12 months from date of receipt.