Mouse monoclonal antibody to Neural Cell Adhesion molecule (NCAM) [IML-43]: IgG

Catalogue No.:	M-986-100
Description:	Neural cell adhesion molecule (NCAM) is a glycoprotein with 5 extracellular immunoglobulin-like domains followed by two fibronectin type III repeats. NCAM mediates cell-cell adhesion in neural cells as well as a variety of other cell types. NCAM is expressed widely during embryonic development but is restricted in the adult brain. Many isoforms are produced from the alternate splicing of a single gene with 26 exons. This antibody reacts with higher molecular weight human isoforms; NCAM 140 and NCAM 180.
Batch No.:	See product label
Unit size:	100 µg
Antigen:	Growth cone enriched plasma membrane fraction from E17 rat forebrain
Clone:	IML-43
Other Names:	CD56; NCAM; N-CAM 140; NCAM-1; N-CAM-1;
Accession:	P13591 NCAM1_HUMAN; P13596 NCAM1_RAT
Produced in:	Mouse
Purity:	IgG
Applications:	Western Blotting (WB). A concentration of 4.0 µg/ml is recommended for WB. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Human; rat;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 ml of PBS (pH 7.4) to achieve an antibody concentration of 100 µg/ml. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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