

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

<b>Catalogue No.:</b>	M-986-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Growth cone enriched plasma membrane fraction from E17 rat forebrain
<b>Clone:</b>	IML-43
<b>Other Names:</b>	CD56; NCAM; N-CAM 140; NCAM-1; N-CAM-1;
<b>Accession:</b>	P13591 NCAM1_HUMAN; P13596 NCAM1_RAT
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Western Blotting (WB). A concentration of 4.0 ug/mL is recommended for WB. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Human; rat;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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