

## Rabbit polyclonal antibody to Neural cell adhesion molecule 1 (657-673): Affinity purified

<b>Catalogue No.:</b>	R-1610-100
<b>Description:</b>	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. 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. Many isoforms are produced from the alternate splicing of a single gene with 26 exons.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide corresponding to a region (657-673 aa) from human NCAM1 (CD56).
<b>Other Names:</b>	CD56; N-CAM 140; NCAM; NCAM1;
<b>Accession:</b>	P13591 NCAM1_HUMAN; P13596 NCAM1_RAT
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. A concentration of 0.5-1.0 ug/mL is recommended to detect this protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is recommended (10 mM citrate buffer, pH 6.0 for 20 minutes). Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Cross-reactivity:</b>	Human (WB); mouse (WB); rat (WB,IHC)
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	Store lyophilized material at 2-8C for up to 12 months. After reconstitution, aliquot (undiluted) and store at -20C for up to six months. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY

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