



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

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| 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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