



## Anti-NCAM Antibody (Clone ERIC-1)

**Alternative Names:** Neural Cell Adhesion Molecule, CD56 Antigen MSK39

**Catalogue Number:** AX17-10020-100ug

**Size:** 100 µg

### Background Information

Neural cell adhesion molecule (NCAM) is a homophilic binding glycoprotein of the Immunoglobulin (Ig) superfamily. NCAM is present on a variety of neural cells including neurons, glia and skeletal muscle. However it is also found in other cells such as hematopoietic cell types including natural killer cells. NCAM has been implicated as having a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, learning and memory and in the development of the nervous system.

When used in Western Blot (WB) this antibody (ERIC-1) has been shown to detect 3 bands at 120, 140 and 180 kDa. This has been shown in both mouse and in human brain samples (weakly in Human).

### Product Information

|                            |   |                            |       |
|----------------------------|---|----------------------------|-------|
| <b>Antibody Type:</b>      | Monoclonal  | <b>Host:</b>               | Mouse |
| <b>Isotype:</b>            | IgG1  | <b>Species Reactivity:</b> | Human |
| <b>Immunogen:</b>          | Retinoblastoma tissue membrane fraction   |                            |       |
| <b>Format:</b>             | 100 µg in 100 µl PBS containing 0.02% sodium azide.                             |                            |       |
| <b>Storage Conditions:</b> | 6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles. |                            |       |
| <b>Applications:</b>       | WB   ELISA   FACS   IHC   IF   IP   RIA   WB<br>IHC-F 1:50-1:100                |                            |       |

### Additional Information

|                              |                 |                    |  |
|------------------------------|-----------------|--------------------|--|
| <b>Subcellular location:</b> | Plasma membrane | <b>MW:</b>         | 95kDa (Intended as a general guide and does not allow for all isoforms and species variations) |
| <b>Gene ID</b>               | 4684            | <b>Uniprot ID:</b> | P13591   |



## References

Marković-Lipkovski et al. 2015. PLoS One. 10(9):e0137028. PMID: 26327314. ; Klehr et al. 2009. J Immunother. 32(5):442-51. PMID: 19609236. ; Pruszek et al. 2007. Stem Cells. 25(9):2257-68. PMID: 17588935. ; Blaheta et al. 2004. Neoplasia. 6(4):323-31. PMID: 15256054. ; Jensen et al. 2003. Clin Exp Immunol. 134(2):253-63. PMID: 14616785. ; Gerardy-Schahn et al. 1994. Int J Cancer Suppl. 8:38-42. PMID: 7515028. ; Phimister et al. 1991. J Clin Pathol. 44(7):580-5. PMID: 1856291. ; Frost et al. 1991. Neuropathol Appl Neurobiol. 17(3):207-17. PMID: 1891065. ; Bourne et al. 1991. J Neurooncol. 10(2):111-9. PMID: 1895159.