

## Neural Cell Adhesion Molecule, NCAM, Human, clone RNL-1 Monoclonal Antibody

**Catalog No.:** MON 9021

**Quantity:** 1 ml

### Specificity

The RNL-1 antibody, directed against N-CAM, is reactive with normal neuronal tissues, and endocrine glands, such as pancreatic islets cells, pituitary gland, and adrenal medulla. Expression was also found in Leydig cells of the testis, in the thyroid and in smooth-muscle cells of the small intestine, colon and bladder. This antibody is a valuable marker for the characterisation of several neuroendocrine tumours. In immunoblotting the antibody is reactive with three main clusters of protein bands in respectively the 200 kDa, 100kDa and 25-27 kDa region. Antigen origin: small lung cancer cell line NC1-H82. Antigen location: cell surface.

### Immunoglobulin type

Murine IgG<sub>1</sub>

### Use

Study of small cell carcinoma and histochemistry or frozen sections.

### Instructions for use

The antibody is useful for acetone fixed tissue. Working dilution 1:10 to 1:20 is advised but optimal dilution should be tested by serial dilutions. Positive control: prapreatic islet cells.

### Presentation

1 ml tissue culture supernatant with 0.1% sodium azide.

### Literature

- Broers, J., et al., 1991, Cancer 67, 619-633.
- Boerman, O.C., et al., 1991, Int. J. Cancer 48, 457-462.

FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.2



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