

30-1136: Anti-CD56 / NCAM Monoclonal Antibody (Clone:MEM-188)

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| Clonality : | Monoclonal |
| Clone Name : | MEM-188 |
| Application : | FACS |
| Reactivity : | Human |
| Gene : | NCAM1 |
| Gene ID : | 4684 |
| Uniprot ID : | P13591 |
| Format : | Purified |
| Alternative Name : | NCAM1,NCAM |
| Isotype : | Mouse IgG2a |
| Immunogen Information : | KG-1 human acute myelogenous leukemia cell line |

Description

CD56 (NCAM, neural cell adhesion molecule) is a transmembrane glycoprotein of immunoglobulin family serving as adhesive molecule which is ubiquitously expressed in nervous system, usually as 120 kDa, 140 kDa or 180 kDa isoform, and it is also found on T cells and NK cells. Polysialic modification results in reduction of CD56-mediated cell adhesion and is involved in cell migration, axonal growth, pathfinding and synaptic plasticity. CD56 is a widely used neuroendocrine marker with a high sensitivity for neuroendocrine tumours and ovarian granulosa cell tumours.

Product Info

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| Amount : | 0.1 mg |
| Purification : | Purified by protein-A affinity chromatography |
| Storage condition : | Store at 2-8°C. Do not freeze. |

Application Note

Flow Cytometry *Recommended dilution:* 3 µg/ml

Immunoprecipitation Immunohistochemistry *Recommended dilution:* 1:50

Pretreatment: Heat retrieval (microwave oven) in citrate buffer, standard ABC visualization.

Positive tissue: Positive membrane-specific reaction in adjacent peripheral nerve
Staining of paraprostatic autonomic ganglion.

Staining technique: Standard ABC technique (DAB+).