

## CD 56 clone 123C3.D5

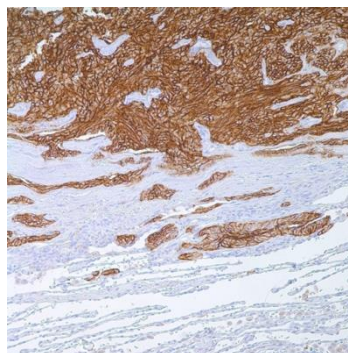
### Instructions For Use

#### Specification:

This MAb reacts with an extracellular domain (close to transmembrane) of CD56/NCAM. Three isoforms of neural cell adhesion molecule (NCAM) are produced by differential splicing of the RNA transcript from a single gene. The 135kDa isoform is the basic molecule, which is glycosylated or sialylated to produce the mature species. CD56/NCAM is reported to express on most neuroectodermal derived cell lines, tissues, and neoplasms such as retinoblastoma, medullblastoma, astrocytoma, and neuroblastoma. It is also expressed on some mesodermally derived tumors such as rhabdomyosarcoma and also on natural killer cells.

#### Availability:

Catalog No.	Contents	Volume
ILM15611-C01	CD56	0,1 ml concentrate
ILM15611-C05	CD56	0,5 ml concentrate
ILM15611-C1	CD56	1,0 ml concentrate



**Intended use:** For Research Use Only

**Reactivity:** Human, Rat and Zebrafish. Others not known.

**Clone:** 123C3.D5

**Species of origin:** Mouse

**Isotype:** IgG<sub>1</sub>/K

**Control Tissue:** Neuroblastoma, tonsil, pancreatic islet cells, pancreatic endocrine tumor

**Staining:** Membranous, cytoplasmic

**Immunogen:** Membrane preparation of a small cell lung carcinoma

**Presentation:** Bioreactor Concentrate with 0.05% Azide

#### Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:200-1:400)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:200-1:400)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

#### References:

- 1) Gerardy-Schahn, R, et al. International J of Cancer Sup 1994;8:38-42
- 2) Michalides, R, et al. International J of Cancer Sup 1994;8:34-37
- 3) Kibbelaar, RE, et al. Euro J of Cancer 1991;27(4):431-435
- 4) Moolenaar, CE, et al. Cancer Research 1990;50(4):1102-1106
- 5) Langdon, SP, et al. Cancer Research 1988;48(21):6161-6165
- 6) Sumi M et al. Leuk Lymphoma. 2003 Jan; 44(1): 201-4