

## Product datasheet for **AM10068SU-N**

### CD56 (NCAM1) Mouse Monoclonal Antibody [Clone ID: 123C3.D5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	123C3.D5
Applications:	IHC, WB
Recommended Dilution:	<b>Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections:</b> 1/100 Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Use Polymer anti Mouse/Rabbit IgG as a detection system. <i>Positive Control:</i> Neuroblastoma, neuroendocrine carcinoma.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Membrane preparation of a small cell lung carcinoma.
Specificity:	Recognizes CD56/NCAM-1. Cellular Localization: Cell membrane.
Formulation:	State: Supernatant State: Liquid Tissue Culture Supernatant with 0.2% BSA and 15mM Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	neural cell adhesion molecule 1
Database Link:	<a href="#">Entrez Gene 9332 Human</a> <a href="#">Entrez Gene 4684 Human</a> <a href="#">P13591</a>
Background:	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. NCAM (CD56) 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.

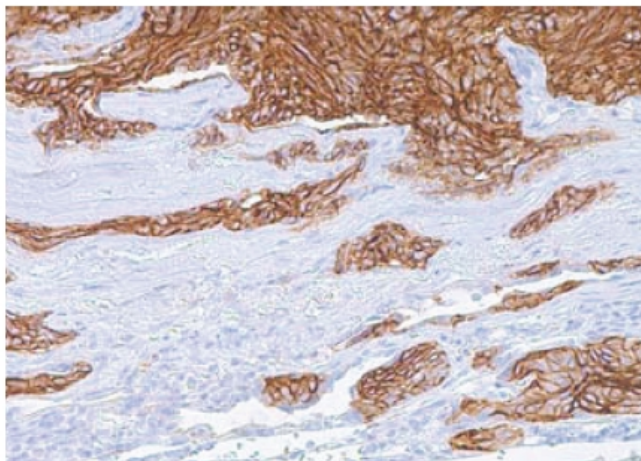


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**Synonyms:** NCAM-1, N-CAM-1, NCAM

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Product images:**



Formalin-Fixed, Paraffin-Embedded Human neuroendocrine carcinoma stained with CD56 antibody Cat.-No. AM10068SU-N using peroxidase conjugate and DAB chromogen. Note cell membrane staining of tumor cells.