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## anti-CD56 antibody





### Overview

Quantity:	100 μg
Target:	CD56 (NCAM1)
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Staining Methods (StM)

### **Product Details**

Immunogen:

irriiridilogen.	recombinant number working protein
Clone:	NCAM1-795
Isotype:	IgG1 kappa
Specificity:	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 135 kDa isoform is the basic molecule, which is
	glycosylated or sialylated to produce the mature species. Anti-CD56 recognizes two proteins of
	the neural cell adhesion molecule, the basic molecule expressed on most neuroectodermally
	derived tissues and neoplasms (e.g. retinoblastoma, medulloblastomas, astrocytomas,
	neuroblastomas, and small cell carcinomas). It is also expressed on some mesodermally
	derived tumors (rhabdomyosarcoma). Anti-CD56 plays an important role in the diagnosis of
	nodal and nasal NK/T-cell lymphomas.

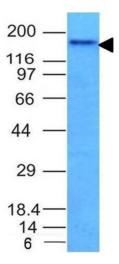
Recombinant human NCAM1 protein

# **Product Details** Purification: Purified by Protein A/G Target Details Target: CD56 (NCAM1) NCAM1 (NCAM1 Products) Alternative Name: Molecular Weight: 180, 145 and 125kDa Gene ID: 4684 UniProt: P13591, P13592 **Application Details** Positive Control: Cerebellum, Pancreas, Neuroblastoma. **Application Notes:** Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined. Restrictions: For Research Use only Handling Concentration: 200 μg/mL 10 mM PBS with 0.05 % BSA & 0.05 % azide. Buffer: Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Storage: 4 °C.-80 °C Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous. No MSDS required.

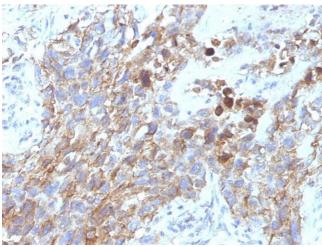
24 months

**Expiry Date:** 



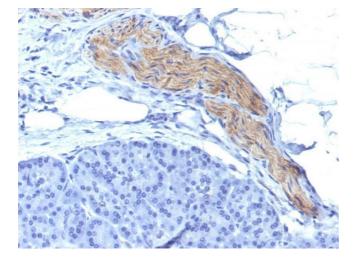
## **Western Blotting**

**Image 1.** Western Blot Analysis of HCT116 cell lysate using CD56 Mouse Monoclonal Antibody (NCAM1/795).



### **Immunohistochemistry**

**Image 2.** Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with CD56 Mouse Monoclonal Antibody (NCAM1/795).



## **Immunohistochemistry**

**Image 3.** Formalin-fixed, paraffin-embedded human Pancreas stained with CD56 Mouse Monoclonal Antibody (NCAM1/795).

Please check the product details page for more images. Overall 4 images are available for ABIN6940173.