

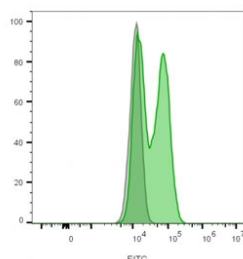
Recombinant CD56 Antibody [clone NCAM1/2217R] (V7442)

Catalog No.	Formulation	Size
V7442-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7442-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7442SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7442IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

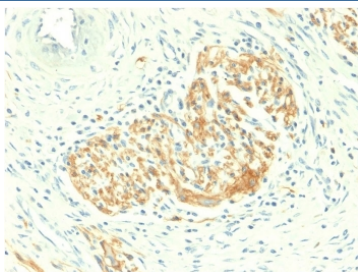
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

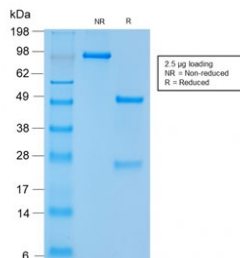
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	NCAM1/2217R
Purity	Protein A affinity chromatography
UniProt	P13591
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Flow Cytometry : 1-2ug/million cells
Limitations	This recombinant CD56 antibody is available for research use only.



Flow cytometry staining of lymphocyte-gated human PBM cells with recombinant CD56 antibody (clone NCAM1/2217R); Gray=unstained cells, Green= CD56 antibody stained cells.



IHC staining of FFPE human colon carcinoma with recombinant CD56 antibody (clone NCAM1/2217R). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant CD56 antibody (clone NCAM1/2217R) as confirmation of integrity and purity.

Description

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. 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.

Application Notes

The optimal dilution of the recombinant CD56 antibody for each application should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A full length recombinant human protein was used as the immunogen for this recombinant CD56 antibody.

Storage

Store the recombinant CD56 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).