

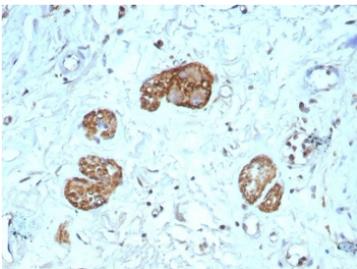
Recombinant CD56 Antibody / NCAM1 / Extracellular domain [clone NCAM1/9121R] (V5477)

| Catalog No. | Formulation | Size |
|----------------|-------------------------------------------------------------------------|--------|
| V5477-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V5477-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V5477SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

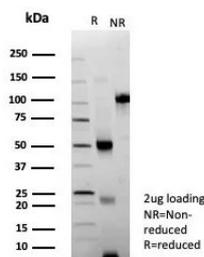
Recombinant **RABBIT MONOCLONAL**

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| | |
|---------------------------|--------------------------------------------------------------------|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Clonality | Recombinant Rabbit Monoclonal |
| Isotype | Rabbit IgG, kappa |
| Clone Name | NCAM1/9121R |
| Purity | Protein A/G affinity |
| UniProt | P13591, P13592 |
| Localization | Cytoplasm, Cell membrane |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml |
| Limitations | This recombinant CD56 antibody is available for research use only. |



IHC staining of FFPE human colon tissue with recombinant CD56 antibody (clone NCAM1/9121R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant CD56 antibody (clone NCAM1/9121R) as confirmation of integrity and purity.

Description

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. 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

Optimal dilution of the recombinant CD56 antibody should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 200-400) of human NCAM1/CD56 protein was used as the immunogen for the recombinant CD56 antibody.

Storage

Aliquot the recombinant CD56 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.