

## Product Datasheet

### Recombinant CD56 Antibody (orb1825998)

<b>Catalog Number</b>	orb1825998
<b>Category</b>	Antibodies
<b>Description</b>	<p>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.</p>
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG, kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
<b>Purification</b>	Protein A/G affinity
<b>Immunogen</b>	A recombinant partial protein (within amino acids 600-800) from the human protein was used as the immunogen for the recombinant CD56 antibody.
<b>UniProt ID</b>	<b>P13591, P13592</b>
<b>Tested applications</b>	IHC-P, WB

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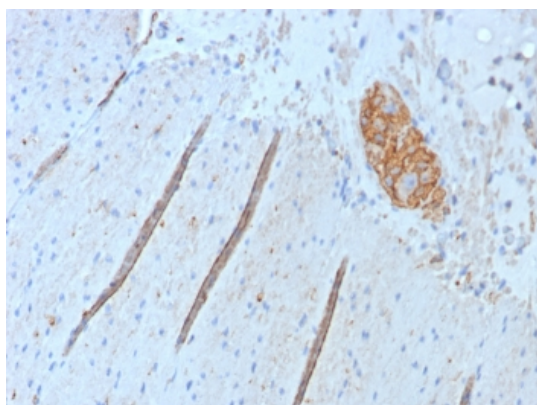
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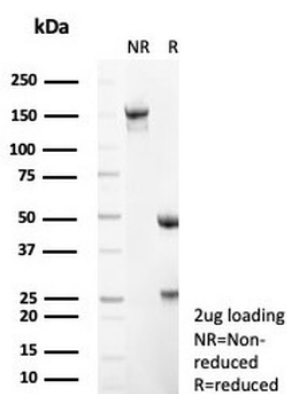
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<b>Dilution range</b>	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT,Western blot: 2-4ug/ml
<b>Application notes</b>	Optimal dilution of the recombinant CD56 antibody should be determined by the researcher.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	NCAM1/8392R
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



IHC staining of FFPE human colon tissue with recombinant CD56 antibody (clone NCAM1/8392R). HIER: boil tissue sections in pH9 10 mM Tris with 1 mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant CD56 antibody (clone NCAM1/8392R) as confirmation of integrity and purity.

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