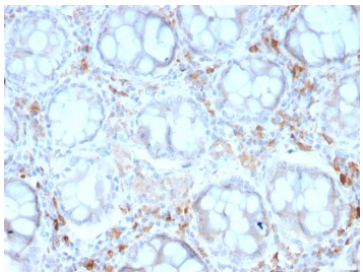
Recombinant CD209 Antibody / DC-SIGN [clone rC209/1781] (V7840)

Catalog No.	Formulation	Size
V7840-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7840-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7840SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

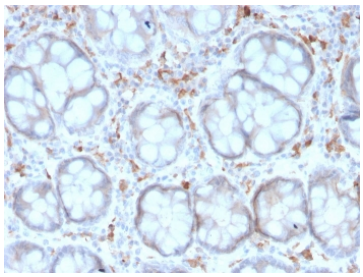
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rC209/1781
Purity	Protein G affinity chromatography
UniProt	Q9NNX6
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant CD209 antibody is available for research use only.



IHC staining of FFPE human colon carcinoma with recombinant CD209 antibody (clone rC209/1781). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



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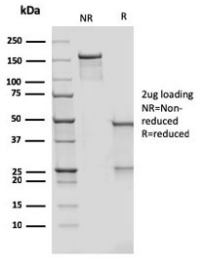

SDS-PAGE analysis of purified, BSA-free recombinant CD209 antibody (clone rC209/1781) as confirmation of integrity and purity.

Description

DC-SIGN is a transmembrane receptor that is expressed on the surface of dendritic cells and macrophages. It is involved in the innate immune system and recognizes numerous evolutionarily divergent pathogens ranging from parasites to viruses. The protein is organized into three distinct domains: an N-terminal transmembrane domain, a tandem-repeat neck domain and C-type lectin carbohydrate recognition domain. The extracellular region consisting of the C-type lectin and neck domains has a dual function as a pathogen recognition receptor and a cell adhesion receptor by binding carbohydrate ligands on the surface of microbes and endogenous cells. The neck region is important for homo-oligomerization, which allows the receptor to bind multivalent ligands with high avidity.

Application Notes

Optimal dilution of the recombinant CD209 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein was used as the immunogen for this recombinant CD209 antibody.

Storage

Store the recombinant CD209 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com