



20150116ML

Anti-Human CD209 (#4G10)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M295
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant CD209 (also called dendritic cell-specific ICAM-3-grabbing nonintegrin1 (DC-SIGN1)).

Target Background

Synonyms (Target):	CD209; CDSIGN; CLEC4L; DC-SIGN; DC-SIGN1
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Human DC-SIGN (dendritic cell-specific ICAM-3 grabbing non-integrin or CD 209) is a member of the chromosome 19 C-type lectin family that includes DC-SIGN, DC-SIGN-related protein, CD23 and LSECtin.

Database References Target

Protein RefSeq:	NP_066987
Uniprot ID:	Q9NNX6
mRNA RefSeq:	NM_021155

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#4G10)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	human recombinant CD209
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human CD209.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB, IHC, N

Recommended usage:

WB: 1:500-1000

IHC (frozen): 1:20-100

Neutralization of CD209 bioactivity

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!