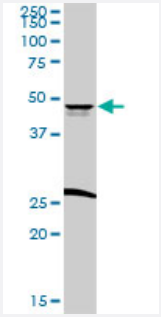
MaxPab®

CD209 MaxPab rabbit polyclonal antibody (D01)

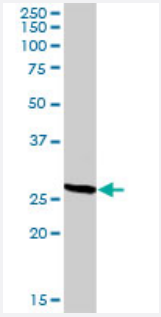
Catalog # H00030835-D01 Size 100 uL

Applications



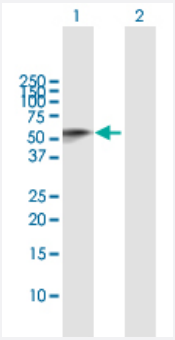
Western Blot (Tissue lysate)

CD209 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD209 expression in human liver.



Western Blot (Tissue lysate)

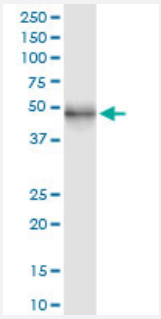
CD209 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD209 expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of CD209 expression in transfected 293T cell line (H00030835-T02) by CD209 MaxPab polyclonal antibody.

Lane 1: CD209 transfected lysate(45.8 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of CD209 transfected lysate using anti-CD209 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD209 purified MaxPab mouse polyclonal antibody (B01P) (H00030835-B01P).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CD209 protein.
Immunogen	CD209 (NP_066978.1, 1 a.a. ~ 404 a.a) full-length human protein.
Sequence	MSDSKEPRLQQLGLLEEEQLRGLGFRQTRGYKSLAGCLGHGPLVLQLLSFTLLAGLLVQVSKVP SSISQEQSRQDAIYQNLTQLKAAVGELSEKSKLQEIYQELTQLKAAVGELPEKSKLQEIYQELTRLK AAVGELPEKSKLQEIYQELTWLKAAVGELPEKSKMQEIYQELTRLKAAVGELPEKSKQQEIYQELT RLKAAVGELPEKSKQQEIYQELTRLKAAVGELPEKSKQQEIYQELTQLKAAVERLCHPCPWEWTF FQGNCYFMSNSQRNWHDSITACKEVGAQLVVIKSAEEQNFLQLQSSRSNRFTWMGLSDLNQEG TWQWVDGSPLLPSFKQYWNRGEPNNVGEEDCAEFSGNGWNDDKCNLAKFWICKKSAASCSR DEEQFLSPAPATPNPPPA
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (66); Rat (62)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

  CD209 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD209 expression in human liver.

  Protocol Download

- Western Blot (Tissue lysate)

  CD209 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD209 expression in mouse liver.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of CD209 expression in transfected 293T cell line (H00030835-T02) by CD209 MaxPab polyclonal antibody.

  Lane 1: CD209 transfected lysate(45.8 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

- Immunoprecipitation

  Immunoprecipitation of CD209 transfected lysate using anti-CD209 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD209 purified MaxPab mouse polyclonal antibody (B01P) (H00030835-B01P).

  Protocol Download

Gene Info — CD209

Entrez GeneID	30835
GeneBank Accession#	NM_021155
Protein Accession#	NP_066978.1
Gene Name	CD209
Gene Alias	CDSIGN, CLEC4L, DC-SIGN, DC-SIGN1, MGC129965
Gene Description	CD209 molecule
Omim ID	604672 607948 609423
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a transmembrane receptor and is often referred to as DC-SIGN because of it s expression on the surface of dendritic cells and macrophages. The encoded protein is involved i n the innate immune system and recognizes numerous evolutionarily divergent pathogens ranging from parasites to viruses with a large impact on public health. The protein is organized into three distinct domains: an N-terminal transmembrane domain, a tandem-repeat neck domain and C-typ e lectin carbohydrate recognition domain. The extracellular region consisting of the C-type lectin a nd neck domains has a dual function as a pathogen recognition receptor and a cell adhesion rece ptor 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. Variations in the number of 23 amino acid repeats in the neck domain of this pro tein are rare but have a significant impact on ligand binding ability. This gene is closely related in t erms of both sequence and function to a neighboring gene (GeneID 10332; often referred to as L-SIGN). DC-SIGN and L-SIGN differ in their ligand-binding properties and distribution. Alternative s plicing results in multiple variants
Other Designations	C-type lectin domain family 4, member L|CD209 antigen|Dendritic cell-specific intracellular adhes ion molecules (ICAM)-3 grabbing non-integrin

Disease

- Acquired Immunodeficiency Syndrome
- Arthritis
- Asthma
- Birth Weight
- Bronchiolitis
- Celiac Disease
- Colitis
- Crohn Disease
- Cytomegalovirus Infections
- Dengue
- Disease Progression
- Disease Susceptibility
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma

- Hemophilia A
- Hepatitis C
- HIV Infections
- HTLV-I Infections
- Hypersensitivity
- Infant
- Leukemia
- Liver Cirrhosis
- Liver Diseases
- Lymphadenitis
- Meningeal Neoplasms
- Meningioma
- Mycobacterium Infections
- Nasopharyngeal Neoplasms
- Periodontitis
- Respiratory Syncytial Virus Infections
- Severe Acute Respiratory Syndrome
- Sexually Transmitted Diseases
- Tuberculosis