

**DC-SIGN + DC-SIGNR Rabbit mAb [4F19]**

**Cat NO. :A13506**

**Information:**

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB,IHC,ICC/IF	H	Q9H2X3,Q9NNX6	48,66 kDa	Rabbit	IgG	100ul,200ul

**Applications detail:**

Application	Dilution
WB	1:1000-2000
IHC	1:100
ICC/IF	1:100
The optimal dilutions should be determined by the end user	

**Conjugate:**

UnConjugate

**Form:**

Liquid

**sensitivity:**

Endogenous

**Purification:**

Protein A purification

**Specificity:**

Antibody is produced by immunizing animals with a synthetic peptide at the sequence of human DC-SIGN + DC-SIGNR

**Storage buffer and conditions:**

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

**Tissue specificity:**

Predominantly highly expressed in liver sinusoidal endothelial cells and in lymph node. Found in placental endothelium but not in macrophages. Expressed in type II alveolar cells and lung endothelial

**Subcellular location:**

[Isoform 1]: Cell membrane,Single-pass type II membrane protein.,[Isoform 2]: Cell membrane,Single-pass type II membrane protein.,[Isoform 3]: Cell membrane,Single-pass type II membrane

**Function:**

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

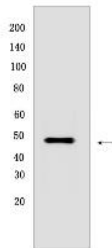
**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

**For Research Use Only. Not For Use In Diagnostic Procedures.**

Probable pathogen-recognition receptor involved in peripheral immune surveillance in liver. May mediate the endocytosis of pathogens which are subsequently degraded in lysosomal compartments. Is a receptor for ICAM3, probably by binding to mannose-like carbohydrates.. (Microbial infection) Acts as an attachment receptor for Ebolavirus.. (Microbial infection) Acts as an attachment receptor for Hepatitis C virus.. (Microbial infection) Acts as an attachment receptor for HIV-1.. (Microbial infection) Acts as an attachment receptor for Human coronavirus 229E.. (Microbial infection) Acts as an attachment receptor for Human cytomegalovirus/HHV-5.. (Microbial infection) Acts as an attachment receptor for Influenzavirus.. (Microbial infection) Acts as an attachment receptor for SARS-CoV.. (Microbial infection) Acts as an attachment receptor for West-nile virus.. (Microbial infection) Acts as an attachment receptor for Japanese encephalitis virus.. (Microbial infection) Acts as an attachment receptor for Marburg virus glycoprotein.. (Microbial infection) Recognition of *M. bovis* by dendritic cells may occur partially via this molecule..

## Validation Data:

### DC-SIGN + DC-SIGNR Rabbit mAb [4F19] Images



Western blot (SDS PAGE) analysis of extracts from Human thymus. Using DC-SIGN + DC-SIGNR Rabbit mAb [4F19] at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.