

DC-SIGN (CD209) Polyclonal Antibody

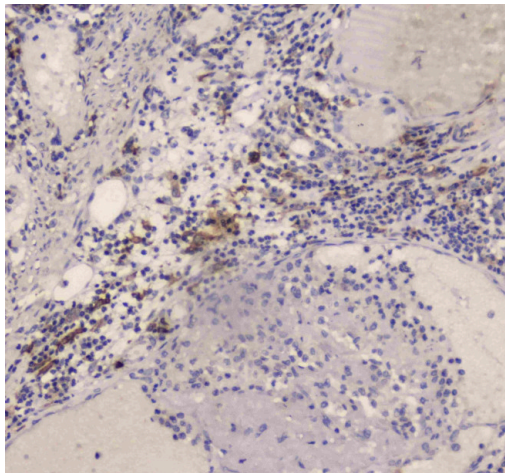
Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence of human DC-SIGN (MSDSKEPRLQQGLGLEEEQLRGLGFRQTRGYKSLA).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2746084

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10 ⁶ cells	1 Publication

Product Specific Information

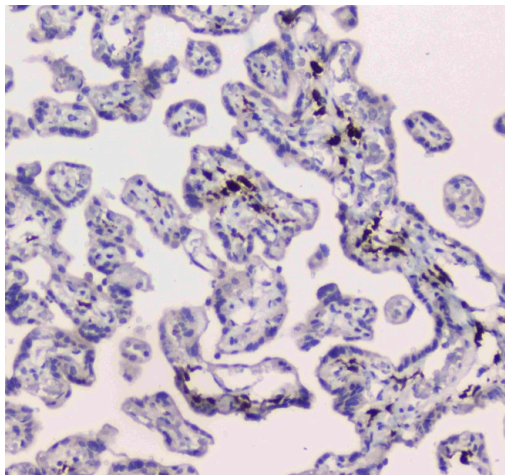
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For DC-SIGN (CD209) Polyclonal Antibody



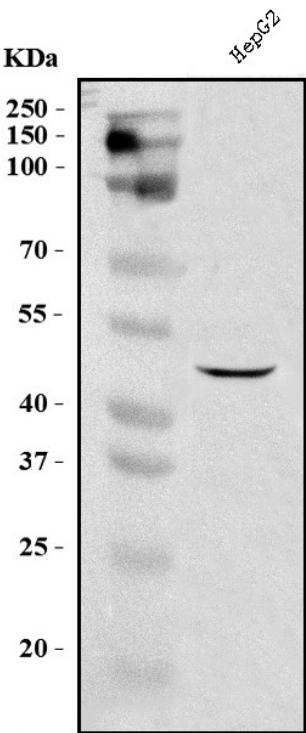
DC-SIGN (CD209) Antibody (PA5-78968) in IHC (P)

Immunohistochemistry analysis of DC-SIGN (CD209) on paraffin-embedded human intestinal cancer tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with DC-SIGN (CD209) polyclonal antibody (Product# PA5-78968) with a dilution of 1 µg/mL (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



DC-SIGN (CD209) Antibody (PA5-78968) in IHC (P)

Immunohistochemistry analysis of DC-SIGN (CD209) on paraffin-embedded human placenta tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with DC-SIGN (CD209) polyclonal antibody (Product# PA5-78968) with a dilution of 1 µg/mL (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



DC-SIGN (CD209) Antibody (PA5-78968) in WB

Western blot analysis of DC-SIGN in, Lane 1: human HepG2 whole cell lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. The membrane was blocked with 5% non-fat milk/TBS for 1. 5 hour at RT. The membrane was incubated with DC-SIGN (CD209) Polyclonal Antibody (Product # PA5-78968) at 0.5 g/mL overnight at 4°C, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5,000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for DC-SIGN at approximately 46 kDa. The expected band size for DC-SIGN is at 46 kDa.

2 References

Immunohistochemistry (1)

Immunology and cell biology	Year 2020
The use of patient-derived breast tissue explants to study macrophage polarization and the effects of environmental chemical exposure.	Species Human
"PA5-78968 was used in Immunohistochemistry, Flow Cytometry to study early tissue-resident immune responses and effects on epithelial and stromal responses to stimuli."	Dilution 1:1000
Authors: Gregory KJ,Morin SM,Kubosiak A,Ser-Dolansky J,Schalet BJ,Jerry DJ,Schneider SS	

Flow Cytometry (1)

Immunology and cell biology	Year 2020
The use of patient-derived breast tissue explants to study macrophage polarization and the effects of environmental chemical exposure.	Species Human
"PA5-78968 was used in Immunohistochemistry, Flow Cytometry to study early tissue-resident immune responses and effects on epithelial and stromal responses to stimuli."	Dilution 1:1000
Authors: Gregory KJ,Morin SM,Kubosiak A,Ser-Dolansky J,Schalet BJ,Jerry DJ,Schneider SS	

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