

Datasheet: AHP627

BATCH NUMBER 090215

Description:	RABBIT ANTI HUMAN CD209
Specificity:	CD209
Other names:	DC-SIGN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1ug/ml - 2ug/ml
Immunofluorescence	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
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Species Cross Reactivity	<p>Reacts with: Sheep</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
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Product Form	Purified IgG - liquid
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Antiserum Preparation Antisera to human DC-SIGN were raised by repeated immunisation of rabbits with highly

purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.02% Sodium Azide
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Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
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Immunogen	Synthetic peptide corresponding to amino acids 277-293 of human DC-SIGN.
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External Database Links	UniProt: Q9NNX6 Related reagents Entrez Gene: 30835 CD209 Related reagents
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Synonyms	CLEC4L
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RRID	AB_323683
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Specificity	<p>Rabbit anti Human CD209 antibody recognizes an epitope within the extracellular domain of human DC-SIGN. DC-SIGN was designated CD209 at the 7th leucocyte typing workshop.</p> <p>Rabbit anti Human CD209 antibody detects a band of approximately 44 kDa by western blot.</p>
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References	<ol style="list-style-type: none">1. Necchi, V. <i>et al.</i> (2009) Evidence for transepithelial dendritic cells in human <i>H. pylori</i> active gastritis. Helicobacter.14: 208-22.2. Akesson, C.P. <i>et al.</i> (2008) Phenotypic characterisation of intestinal dendritic cells in sheep. Dev Comp Immunol. 32: 837-49.3. Olivier, M. <i>et al.</i> (2012) Capacities of Migrating CD1b Lymph Dendritic Cells to Present <i>Salmonella</i> Antigens to Naive T Cells. PLoS One. 7: e30430.4. Emara, M. <i>et al.</i> (2012) Retagging identifies dendritic cell-specific intercellular adhesion molecule-3 (ICAM3)-grabbing non-integrin (DC-SIGN) protein as a novel receptor for a major allergen from house dust mite. J Biol Chem. 287 (8): 5756-63.5. Piercey Åkesson C <i>et al.</i> (2012) Phenotypic characterization of cells participating in transport of prion protein aggregates across the intestinal mucosa of sheep. Prion. 6 (3): 261-75.
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Further Reading	1. Geijtenbeek, T. B. <i>et al.</i> (2000) DC-SIGN, a dendritic cell-specific HIV-1-binding protein that enhances trans-infection of T cells. Cell. 100: 587-97.
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Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted.
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Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP627 10040
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M364266:200529'

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