

## Datasheet: AHP627

**BATCH NUMBER 165549**

<b>Description:</b>	RABBIT ANTI HUMAN CD209
<b>Specificity:</b>	CD209
<b>Other names:</b>	DC-SIGN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Sheep</p> <p><b>N.B.</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>
<b>Product Form</b>	Purified IgG - liquid

**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
Preservative Stabilisers	0.02% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Synthetic peptide corresponding to amino acids 277-293 of human DC-SIGN.
External Database Links	<b>UniProt:</b> <a href="#">Q9NNX6</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">30835</a> CD209 <a href="#">Related reagents</a>
Synonyms	CLEC4L
RRID	AB_323683
Specificity	<p><b>Rabbit anti Human CD209 antibody</b> 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>
References	<ol style="list-style-type: none"><li>1. Akesson, C.P. <i>et al.</i> (2008) Phenotypic characterisation of intestinal dendritic cells in sheep. <a href="#">Dev Comp Immunol. 32: 837-49.</a></li><li>2. Necchi, V. <i>et al.</i> (2009) Evidence for transepithelial dendritic cells in human <i>H. pylori</i> active gastritis. <a href="#">Helicobacter.14: 208-22.</a></li><li>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. <a href="#">PLoS One. 7: e30430.</a></li><li>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. <a href="#">J Biol Chem. 287 (8): 5756-63.</a></li><li>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. <a href="#">Prion. 6 (3): 261-75.</a></li></ol>
Further Reading	<ol style="list-style-type: none"><li>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. <a href="#">Cell. 100: 587-97.</a></li></ol>
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Useful Reagents

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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](https://www.bio-rad-antibodies.com/datasheets)  
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