

## Datasheet: AHP627

<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>	Reacts with: Sheep <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	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.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids 277-293 of human DC-SIGN.

<b>External Database Links</b>	<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>
<b>Synonyms</b>	CLEC4L
<b>RRID</b>	AB_323683
<b>Specificity</b>	<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>
<b>References</b>	<ol style="list-style-type: none"> <li>1. 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>2. 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>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>
<b>Further Reading</b>	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>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

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

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

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

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

## Recommended Useful Reagents

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

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

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