

CD209 (DC-SIGN) Rat Anti-Human mAb (clone eB-h209), FITC Conjugate

Store at 2°C to 8°C

Pub. No. MAN0009452 Rev. 1.00

Catalog No.	Form	Amount	Excitation	Peak Emission
A18347	FITC	25 tests (5 µL/test; 0.1 µg/µL)	488 nm	519 nm

Clone	eB-h209
Host/Class	Rat IgG2aκ
Description	The CD209 (DC-SIGN) Rat Anti-Human Monoclonal Antibody (mAb) reacts with human CD209, a 44 kDa type II transmembrane protein. CD209 contains a C-type lectin binding domain and binds ICAM-3, ICAM-2, and the gp120 envelope protein. In human, CD209 is preferentially expressed in dendritic cells. The eB-h209 antibody clone was developed against a C-terminal peptide of human CD209.
Alternate Names	CLEC4L, CIRE, DC-SIGN
Applications*	FC (human dendritic cells and peripheral blood leukocytes)
Storage Buffer	The reagent is provided in aqueous buffer with 0.09% sodium azide, and may contain carrier protein/stabilizer. CAUTION! Sodium azide is extremely toxic and may react with lead and copper plumbing to form highly explosive metal azides. Properly dispose of solutions containing sodium azide. Read the Safety Data Sheet (SDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. SDSs are available at www.lifetechnologies.com/support .
Storage	Store reagents in the dark at 2° to 8°C. Do not freeze. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted. Avoid prolonged light exposure with fluorochrome-conjugated antibodies. Use dim light during handling, incubation with cells, and prior to analysis.
Stability	When stored as instructed, expires one year from date of receipt unless otherwise indicated on Certificate of Analysis.
Lot Number	See product label.
References	<ol style="list-style-type: none"> 1. Pohlmann, S, F Baribaud, et al. (2001). DC-SIGN Interactions with Human Immunodeficiency Virus type 1 and 2 and Simian Immunodeficiency Virus. <i>J Virol.</i> 75(10):4664-4672. 2. Geijtenbeek, T.B, D.S. Douglas, et al. (2000) DC-SIGN, a Dendritic Cell-Specific HIV-1-Binding protein that Enhances trans-Infection of T cells. <i>Cell</i> 100(5): 587-597. 3. Geijtenbeek, T.B, R Torensma, et al. (2000). Identification of DC-SIGN, a Novel Dendritic Cell-Specific ICAM-3 Receptor that Supports Primary Immune Responses. <i>Cell</i> 100(5): 575-585. 4. Geijtenbeek, T.B, D.J. Krooshop, et al. (2000). DC-SIGN-ICAM-2 Interaction Mediates Dendritic Cell Trafficking. <i>Nat. Immunol.</i> 1(4):353-357.

* Because conditions may vary, it is recommended that each investigator determine the optimal amount of antibody to be used for each application.








FC = flow cytometry; FUNC = functional assay; ICC = immunocytochemistry; IHC(F) = immunohistochemistry (frozen sample); IHC(P) = immunohistochemistry (paraffin embedded sample); IP = immunoprecipitation; RIA = radioimmunoassay; WB = western blot

For Research Use Only. Not for use in diagnostic procedures.

Manufacturing site: 7335 Executive Way | Frederick, MD 21704 | Toll Free in USA 800.955.6288

Explanation of Symbols

The symbols present on the product label are explained below:

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

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