

**DATASHEET**

**CD209 Mouse Monoclonal Antibody(C2596)**

CAT. NO. AMA02208

**KEY FEATURES**

Target	CD209	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

**BACKGROUND**

Pathogen-recognition receptor expressed on the surface of immature dendritic cells (DCs) and involved in initiation of primary immune response. Thought to mediate the endocytosis of pathogens which are subsequently degraded in lysosomal compartments. The receptor returns to the cell membrane surface and the pathogen-derived antigens are presented to resting T-cells via MHC class II proteins to initiate the adaptive immune response.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

Description	Mouse monoclonal to CD209
Specificity	Recognizes endogenous levels of CD209 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD209 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 46 kD; Observed: 60 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CLEC4L; CD209 antigen; C-type lectin domain family 4 member L; Dendritic, cell-specific, IC,AM-3-grabbing non-integrin 1; DC-SIGN; DC-SIGN1; CD209
Gene Symbol	CD209
Entrez Gene	30835(Human)
SwissProt	Q9NNX6(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

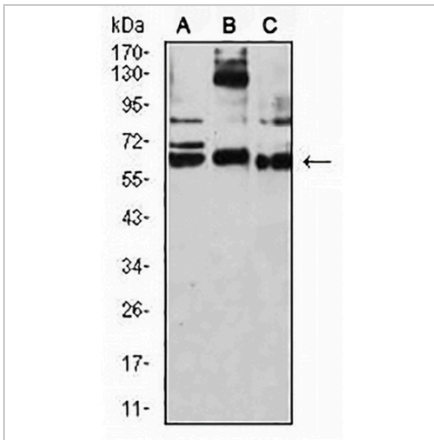
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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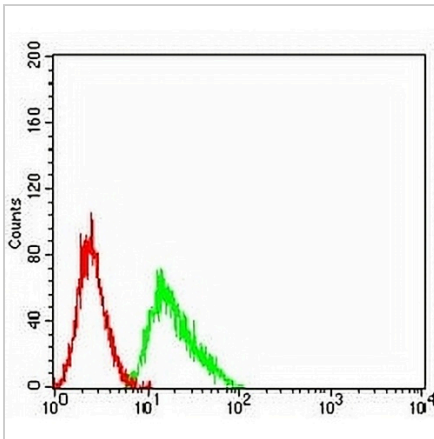
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**DATA**



Western blot analysis of CD209 expression in THP1 (A), HL60 (B), A431 (C) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 60 kD kD)



Flow cytometric analysis of Ramos cells using Anti-CD209 Antibody (green) and negative control (red).

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.