

Mouse anti-Human DCIR Monoclonal Antibody | anti-DCIR antibody

Anti-DCIR [9E8], Mouse IgG1, Kappa

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72050	Mouse	Human	Flow Cytometry, Functional Assay

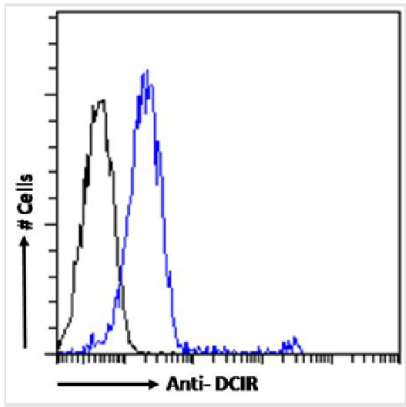
PRODUCT SYNONYMS

DCIR; Monoclonal Antibody; Anti-DCIR [9E8]; Mouse IgG1; Kappa; CD367; Clec4A; C-type lectin domain family 4 member A; LLIR; CLECSF6; C-type lectin DDB27; C-type lectin superfamily member 6; Dendritic cell immunoreceptor; Lectin-like immunoreceptor; anti-DCIR antibody

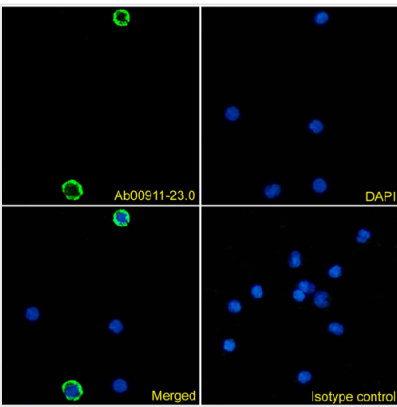
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, Kappa
Clone Number	9E8
Specificity	The antibody is specific for human DCIR, which is expressed by monocytes, B cells, neutrophils, granulocytes and dendritic cells.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-DCIR antibody	FCM/FACS (Flow Cytometry)
Antibody Type	Recombinant Antibody
Immunogen	This antibody was raised by immunising BALB/c mice with a dendritic cell immunoreceptor ectodomain-human Fc fusion protein.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)
Flow-cytometry using the anti-DCIR antibody 9E8 or the rabbit IgG1 version of 9E8 at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-mouse IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)
Immunofluorescence staining of human peripheral blood monocytes using anti-DCIR antibody at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining in a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom, DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DCIR antibody	Describes the original generation of this antibody, and preliminary investigation into its use as an antigen-targeting vaccine. Recombinant monoclonal antibody to DCIR. Manufactured using our Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 9E8.
Product Categories/Family for anti-DCIR antibody	Antigen presentation; CD markers; Adaptive immunity
References	Klechevsky et al.; Blood. 2010 Sep 9; 116(10): 1685-1697.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q9UMR7
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dcir-antibody-clone-9e8-flow-cytometry-elisa/72050>