

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

Anti-DCIR [9E8], Rabbit IgG, Kappa

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72051	Mouse	Human	Flow Cytometry, Functional Assay

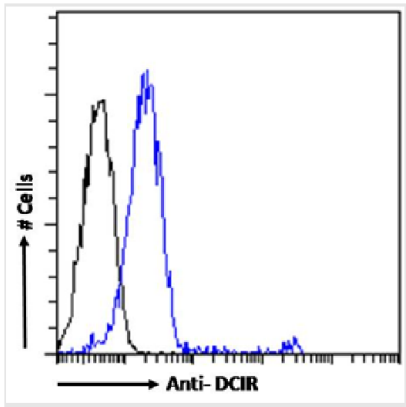
PRODUCT SYNONYMS

DCIR; Monoclonal Antibody; Anti-DCIR [9E8]; Rabbit IgG; 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

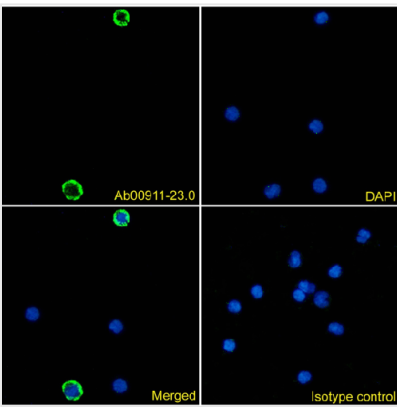
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, 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.
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
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/72051>