

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human DCIR/CLEC4A in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human DCIR/CLEC4A isoform 1 Gln70-Leu237 Accession # Q9UMR7
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

CyTOF-ready	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Flow Cytometry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

DCIR, also known as Lectin-like Immunoreceptor (LLIR), is a type II membrane protein belonging to the C-type lectin domain family and is designated CLEC4A (previously designated CLECSF6). Four transcript variants encoding distinct isoforms have been identified. DCIR contains one carbohydrate recognition domain in its C-terminal extracellular domain and an immunoreceptor tyrosine-based inhibitory motif (ITIM) in its cytoplasmic domain. Besides DC, DCIR is expressed on B cells, monocytes/macrophages and granulocytes.

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