

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse DCIR/CLEC4A in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) DCIR or recombinant mouse DCAR is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 320511
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse DCIR/CLEC4A isoform 1 Gln70-Leu238 Accession # Q9QZ15
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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.

Western Blot 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 (Dendritic Cell Immunoreceptor), also known as LLIR (Lectin-like Immunoreceptor), 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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