

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CD2 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant mouse CD2 or recombinant human CD2F-10 is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 299813
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CD2 Lys25-Asp209 Accession # P06729
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.
Immunohistochemistry	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

CD2 is a type I glycoprotein belonging to the Ig superfamily and is expressed on T cells, NK cells, B cells and some antigen presenting cells. Human CD2 binds human CD58 on antigen-presenting cells to induce co-stimulating signals in T cells.

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