

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ICAM-3/CD50 in direct ELISAs and Western blots. In Western blots, approximately 20% cross-reactivity with recombinant human ICAM-1 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human ICAM-3/CD50 Gln30-His485 Accession # CAA49473
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.

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

Intercellular Adhesion Molecule-3 (ICAM-3; also known as CD50), a member of the immunoglobulin superfamily, binds the leukocyte integrins LFA-1 (CD11a/CD18) and $\alpha_4\beta_2$. ICAM-3 is expressed on leukocytes and epidermal Langerhans cells. It may play an important role in T cell stimulation by Langerhans cells. ICAM-3 has not been identified in the mouse.

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