

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ICAM-3/CD50 in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 76203
Purification	Protein A or G purified from ascites
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 0.2 mg/mL in a saline solution containing BSA and 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.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	Immersion fixed paraffin-embedded sections of human lymph node

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. <ul style="list-style-type: none"> 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 α_vβ₂. 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.

References:

- Hayflick, J. *et al.* (1998) Immunologic Res. 17:313.

PRODUCT SPECIFIC NOTICES

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