

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ICAM-2/CD102 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) CEACAM-1, recombinant mouse (rm) DCC, rhICAM-1, rmICAM-2, rhICAM-3, rmICAM-5, rmMAdCAM-1, rhCD31, or rmVCAM-1 i
Source	Monoclonal Mouse IgG ₁ Clone # 86911
Purification	Protein A or G purified from ascites
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human ICAM-2/CD102 Lys25-Gln223 (predicted) Accession # CAA33630
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.

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

Intercellular Adhesion Molecule-2 (ICAM-2, CD102), a member of the immunoglobulin superfamily, binds the leukocyte integrins LFA-1 (CD11a/CD18) and Mac-1 (CD11b/CD18). ICAM-2 is constitutively expressed at high levels on vascular endothelial cells and lymphohematopoietic cells. ICAM-2 mediated adhesion has been shown to provide a co-stimulatory signal for T cell aggregation, NK cytotoxicity and NK cell migration.

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