

CD50 (ICAM-3) Monoclonal Antibody (CBR-IC3/2.1.2), eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	CBR-IC3/2.1.2
Conjugate	Unconjugated
Immunogen	Rec. Human ICAM-3 (CD50)
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2-7.4
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10597747

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay-Dependent	-

Product Specific Information

Description: Intercellular Adhesion Molecule-3 (ICAM-3) is a member of the immunoglobulin supergene family and functions as a ligand for the Lymphocyte Function-Associated Antigen-1 (LFA-1). ICAM-3 is a heavily glycosylated, integral membrane protein with five immunoglobulin-like domains. It shares high homology to ICAM-1 and ICAM-2 in the extracellular region. In contrast to ICAM-1 and ICAM-2, ICAM-3 is absent on endothelia. ICAM-3 is expressed on resting lymphocytes, monocytes and neutrophils, representing the major LFA-1 ligand on these cells. The finding that adhesion of resting T lymphocytes to LFA-1 occurs primarily via ICAM-3 combined with the fact that ICAM-3 is much better expressed than other LFA-1 ligands on monocytes and resting lymphocytes implies an important role for ICAM-3 in the initiation of immune responses.

Applications Tested: ELISA.

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