Human ICAM-1/CD54 Fluorescein-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # BBIG-I1 (11C81)

Catalog Number: BBA20

100 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Stains human ICAM-1/CD54 on human ICAM-1 transfected COS cells. It does not bind COS cells transfected with E-Selectin, VCAM-1, or PECAM-1.
Source	Monoclonal Mouse IgG_1 Clone # BBIG-I1 (11C81)
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Activated HUVEC human umbilical vein endothelial cells
Conjugate	Fluorescein Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm (FITC)
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

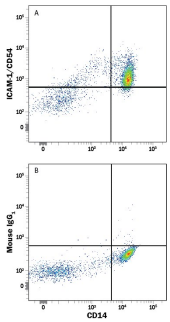
APPLICATIONS

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	10 µL/10^6 cells	See Below

DATA

Flow Cytometry



Detection of ICAM-1/CD54 in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human CD14 APC-conjugated Monoclonal Antibody (Catalog # FAB3832A) and either (A) Mouse Anti-Human ICAM-1/CD54 Fluorescein-conjugated Monoclonal Antibody (Catalog # BBA20) or (B) Mouse IgG_1 Fluorescein Isotype Control (Catalog # IC002F). View our protocol for Staining Membrane-associated Proteins.

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

ICAM-1 is a member of the immunoglobulin superfamily whose expression is up-regulated on leukocytes, epithelial cells and resting endothelial cells in response to inflammatory signals. ICAM-1 binds the leukocyte integrins LFA-1 and Mac-1.

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