

Datasheet for ABIN5067857 **anti-ICAM1 antibody**



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1 Image

Overview

Quantity:	100 µg
Target:	ICAM1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ICAM1 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD54 Unconjugated Antibody
Immunogen:	MHC Class II antigen negative human Blymphoblastoid cell line
Clone:	LB-2
Isotype:	IgG2b, kappa
Characteristics:	The clone LB-2 specifically binds with CD54 also known as Intercellular adhesion molecule-1 (ICAM-1), a cell surface antigen expressed by various types of human immune and non-immune cells. CD54 is an 85-110 kDa type I transmembrane glycoprotein that belongs to the Ig supergene family and is a surrogate marker of antigen presenting cell activation. CD54 is expressed mostly on endothelial cells. It also weakly expressed by naive B and T cells and moderately expressed on activated B and T cells as well as monocytes. CD54 is highly expressed on human myeloma cells, Burkitt's lymphoma cells, erythroleukemia cells, and B-lymphoblastoid cells. The CD54 adhesion molecule plays roles in inflammatory and immune

Product Details

responses and neoplasia.

Purification: Purified

Purity: >95 %

Grade: GMP Grade

Target Details

Target: ICAM1

Alternative Name: CD54 ([ICAM1 Products](#))

NCBI Accession: [NP_000192](#)

UniProt: [P05362](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Actin Filament Polymerization](#), [Carbohydrate Homeostasis](#), [Regulation of Leukocyte Mediated Immunity](#), [Thromboxane A2 Receptor Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

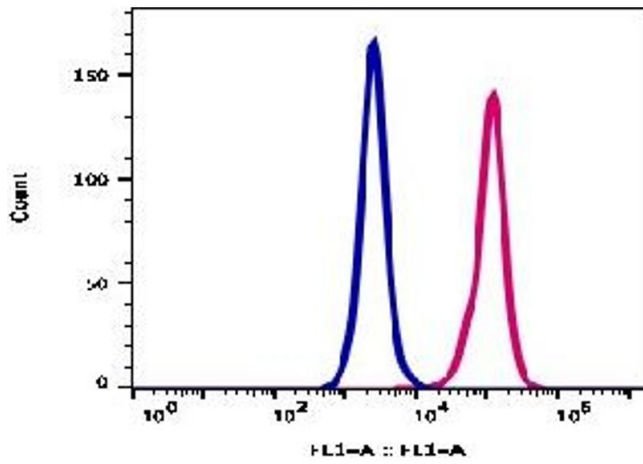
Format: Liquid

Buffer: PBS pH 7.2, 0.1 % (w/v) BSA, 0.09 % (w/v) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C



Flow Cytometry

Image 1.