

## Datasheet for ABIN5067860 **anti-ICAM1 antibody (FITC)**



[Go to Product page](#)

### 1 Image

#### Overview

|              |                                           |
|--------------|-------------------------------------------|
| Quantity:    | 100 tests                                 |
| Target:      | ICAM1                                     |
| Reactivity:  | Human                                     |
| Host:        | Mouse                                     |
| Clonality:   | Monoclonal                                |
| Conjugate:   | This ICAM1 antibody is conjugated to FITC |
| Application: | Flow Cytometry (FACS)                     |

#### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | CD54 FITC 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

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responses and neoplasia.

Purification: Purified

Purity: >95 %

Grade: GMP Grade

## Target Details

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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

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

Restrictions: For Research Use only

## Handling

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Format: Liquid

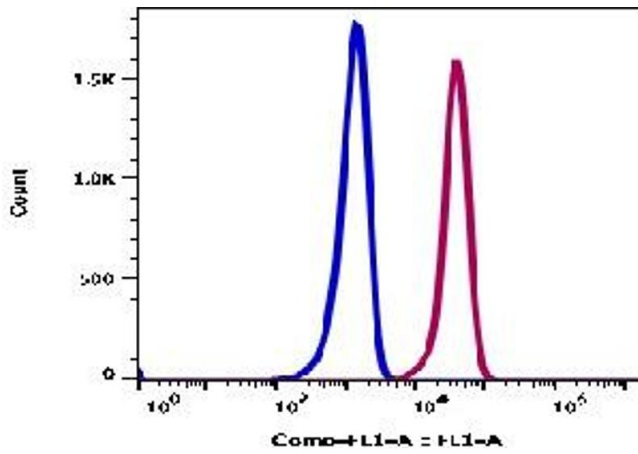
Buffer: PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide

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

Storage Comment: 2-8°C, Conjugated antibodies should never be frozen.



**Flow Cytometry**

Image 1.