

A Reliable Research Partner in Life Science and Medicine

### **Recombinant ICAM-2 Monoclonal Antibody**

catalog number: AN301793L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Human;

Immunogen Recombinant human ICAM-2 fragment

HostRabbitIsotypeIgG, κCloneA505

Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

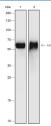
### Applications Recommended Dilution

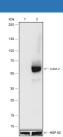
 WB
 1:1000-1:5000

 IHC
 1:100-1:500

 FCM
 1:50-1:100

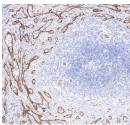
#### Data



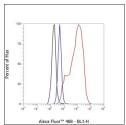


Western Blot with ICAM-2 Monoclonal Antibody at dilution of Western Blot with ICAM-2 Monoclonal Antibody at dilution of 1:5000. Lane 1: Jurkat, Lane 2: HUVEC 1:5000. Lane 1: HeLa (Negative control), Lane 2: Jurkat

## Observed-MW:60 kDa Calculated-MW:31 kDa

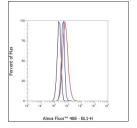


# Observed-MW:60 kDa Calculated-MW:31 kDa



Immunohistochemistry of paraffin-embedded Human spleen using ICAM-2 Monoclonal Antibody at dilution of 1:500.

Flow cytometric analysis of human ICAM-2 expression on HUVEC cells. Cells were stained with purified anti-Human ICAM-2, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



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Flow cytometric analysis of human ICAM-2 expression on HeLa(Negative cell line) cells. Cells were stained with purified anti-Human ICAM-2, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

### **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

### **Background**

ICAM-2 is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.