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# Recombinant ICAM-1/CD54 Monoclonal Antibody

catalog number: AN300519P

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

#### **Description**

Reactivity Mouse

Immunogen Recombinant Mouse ICAM-1/CD54 Protein

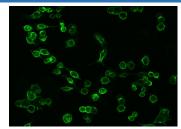
Host Rabbit
Isotype IgG
Clone B449
Purification Protein A

Buffer 0.2 µm filtered solution in PBS

Applications Recommended Dilution

ICC/IF 1:20-1:100

#### Data



Immunofluorescence analysis of Mouse ICAM1 in Raw264.7 cells. Cells were fixed with 4% PFA,blocked with 10% serum, and incubated with rabbit anti-mouse ICAM1 monoclonal antibody (dilution ratio 1:60) at 4°C overnight.

Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Cytoplasm and Cell membrane.

### **Preparation & Storage**

**Storage** This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when

stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

## **Background**

ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte transendothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation (By similarity).

## For Research Use Only