

## ICAM-1 (C-term) monoclonal antibody

Catalog: MB0123

Host: Mouse

Reactivity: Human

### BackGround:

ICAM1 is a 85-110 kDa single chain type 1 integral membrane glycoprotein with an extracellular domain of five immunoglobulin superfamily repeats, a transmembrane region and a cytoplasmic domain. It shares considerable amino acid sequence homology with ICAM3 and with ICAM2. ICAM1 is expressed by activated endothelial cells. It is detected on cells of many other lineages (e.g. epithelial cells, fibroblasts, chondrocytes, B lymphocytes, T lymphocytes (low), monocytes, macrophages, dendritic cells and neutrophils, with lower levels that increase in inflammation. Also, ICAM1 is detected in some carcinoma and melanoma cells. Soluble ICAM1 is detectable in the plasma and is elevated in patients with various inflammatory syndromes. It is the receptor for rhinoviruses and malaria.

### Product:

Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.

### Molecular Weight:

Predicted band size:96KDa

Observed band size:96KDa

### Swiss-Prot:

P05362

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1:1000

ICC:1:200

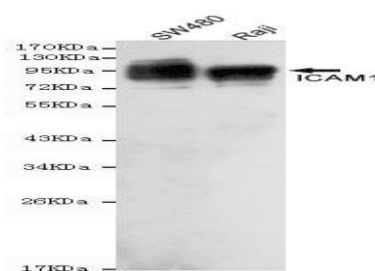
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

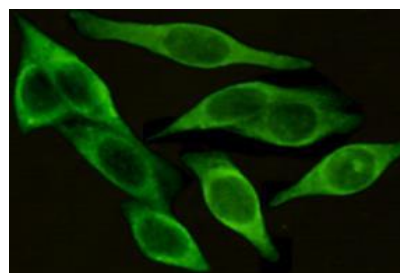
### Specificity:

ICAM-1 (C-term) mAb detects endogenous levels of ICAM-1 protein.

### DATA:



Western blot detection of ICAM1 antibody in SW480 and Raji cell lysates using ICAM1 antibody (1:1000 diluted) .



Immunocytochemistry staining of SW480 cells fixed by anhydrous methanol for 2 h at -20°C and using anti-ICAM1 antibody (dilution 1:200).

### Note:

For research use only, not for use in diagnostic procedure.

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