

ICAM-1 Rabbit monoclonal antibody

Catalog: BS9943M

Host: Rabbit

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 58, 96 kDa

Swiss-Prot:

P05362

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:5000

ICC/IF: 1:50-1:200

IHC: 1:50-1:200

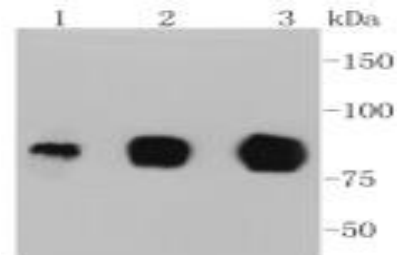
Storage&Stability:

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

Specificity:

This antibody detects endogenous levels of ICAM-1 and does not cross-react with related proteins.

DATA:

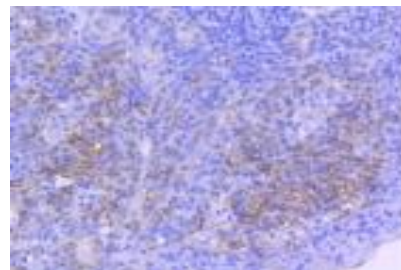


Western blot (WB) analysis of ICAM-1 Rabbit mAb at 1:1000 dilution

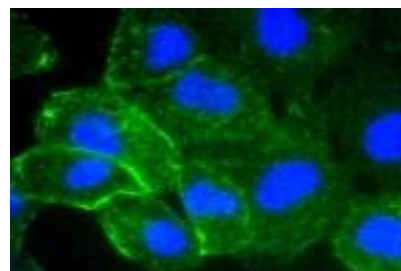
Lane1:Hela whole cell lysate

Lane2:HUVEC whole cell lysate

Lane3:Raji whole cell lysate



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-ICAM1 antibody. Counter stained with hematoxylin.



ICC staining ICAM1 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Note:

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

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