

## ICAM-1 polyclonal antibody

Catalog: BS90682

Host: Rabbit

Reactivity: Human

### BackGround:

ICAM-1 is a member of the immunoglobulin superfamily, the superfamily of proteins including antibodies and T-cell receptors. The structure of ICAM-1 is characterized by heavy glycosylation, and the protein's extracellular domain is composed of multiple loops created by disulfide bridges within the protein. ICAM-1 can be induced by interleukin-1 (IL-1) and tumor necrosis factor (TNF) and is expressed by the vascular endothelium, macrophages, and lymphocytes. ICAM-1 is a ligand for LFA-1 (integrin), a receptor found on leukocytes. More recently, ICAM-1 has been characterized as a site for the cellular entry of human rhinovirus. ICAM-1 and soluble ICAM-1 have antagonistic effects on the tight junctions forming the blood-testis barrier, thus playing a major role in spermatogenesis. ICAM-1 has been implicated in subarachnoid hemorrhage (SAH).

### Product:

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

### Molecular Weight:

90 kDa

### Swiss-Prot:

P05362

### Purification&Purity:

Peptide affinity purified

### Applications:

WB:1:500-1:1,000

ICC:1:200

IHC:1:200

FC:1:50-1:100

### Storage&Stability:

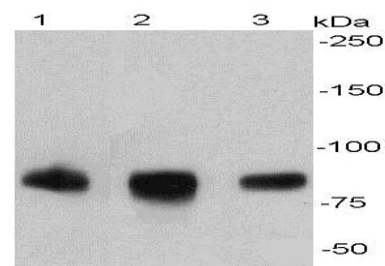
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

### Specificity:

ICAM-1 polyclonal antibody detects endogenous levels of ICAM-1 protein.

### DATA:

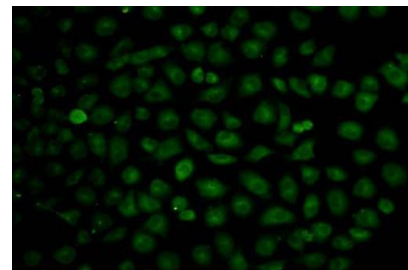


Western blot analysis of ICAM1 on different cell lysates using anti-ICAM1 antibody at 1/500 dilution. Positive control:

Lane 1: Raji

Lane2: HUVEC

Lane3: K562



ICC staining of ICAM1 in HUVEC cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

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

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