

ICAM1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2619
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human ICAM1(28-480aa) expressed in E. Coli.
Mol wt	57.8kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	BB2;CD54;P3.58;ICAM1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. ICAM1 is also 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.

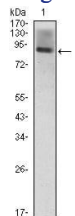
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using ICAM1 mouse mAb against ICAM1(AA: 28-480)-hIgGFc transfected HEK293 (1) cell lysate.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.