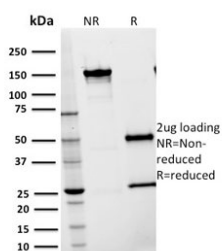


ICAM1 Antibody / CD54 [clone 15.2] (V7851)

Catalog No.	Formulation	Size
V7851-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7851-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7851SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	15.2
Purity	Protein G affinity chromatography
UniProt	P05362
Applications	Flow Cytometry : 1-2ug/10 ⁶ cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This ICAM1 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free ICAM1 antibody (clone 15.2) as confirmation of integrity and purity.

Description

Recognizes an 85-115kDa protein (variation with cell type), identified as intercellular adhesion molecule (ICAM-1). It has 7 potential N-linked glycosylation sites. ICAM-1 is a single chain glycoprotein of Ig supergene family, present on

unstimulated endothelial cells (EC) and on a variety of other cell types including activated fibroblasts, EC, macrophages, and lymphocytes. ICAM-1 mediates cell adhesion by binding to integrins CD11a/CD18 (leukocyte adhesion molecule, LFA-1) and to CD11b/CD18 (Mac-1). This interaction enhances antigen-specific T-cell activation. ICAM-1 also binds to CD43 and to Plasmodium falciparum infected RBCs. ICAM-1 may also be related to progression and metastasis of tumors.

Application Notes

Optimal dilution of the ICAM1 antibody should be determined by the researcher.

Immunogen

Human monocytes were used as the immunogen for the ICAM1 antibody.

Storage

Store the ICAM1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).