

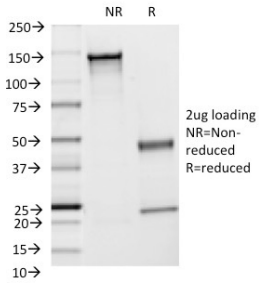
Anti-ICAM1 Antibody [F4-31C2] - BSA and Azide free (A252083)

Specifications:

Name:	Anti-ICAM1 Antibody [F4-31C2] - BSA and Azide free
Description:	Mouse monoclonal [F4-31C2] antibody to ICAM1.
Specificity:	This antibody 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.
Applications:	Functional Studies, Flow Cytometry, IF
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Human umbilical vein endothelial cells (HUVEC).
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	F4-31C2
Isotype:	IgG2a
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-ICAM1 Antibody [F4-31C2] (A248903).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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Images:



SDS-PAGE analysis of Anti-ICAM1 Antibody [F4-31C2] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.