

## Anti-ICAM1 Antibody [F4-31C2] (A248903)

### Specifications:

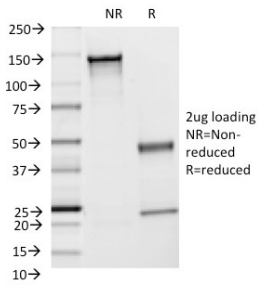
|                        |  |
|------------------------|--|
| Name:                  | Anti-ICAM1 Antibody [F4-31C2]  |
| Description:           | Mouse monoclonal [F4-31C2] antibody to ICAM1.  |
| Specificity:           | This antibody recognizes an 85-115kDa protein (variation with cell type), identified 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:         | 200 µg/ml  |
| Product Form:          | Liquid   |
| Formulation:           | Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.  |
| 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 without BSA and Sodium Azide - Anti-ICAM1 Antibody [F4-31C2] - BSA and Azide free (A252083).   |

## Anti-ICAM1 Antibody [F4-31C2] (A248903)

Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

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.