

Product Datasheet

ICAM-1/CD54 Antibody (F4-31C2)

NBP2-44332-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44332-0.1mg

ICAM-1/CD54 Antibody (F4-31C2)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	F4-31C2
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Host	Mouse
Gene ID	3383
Gene Symbol	ICAM1
Species	Human
Specificity/Sensitivity	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.
Immunogen	Human umbilical cord vein endothelial cells (HUVEC)
Product Application Details	
Applications	Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Functional, Immunofluorescence 0.5 - 1.0 ug/ml
Application Notes	Functional Studies: Order Ab without BSA & Azide. Optimal dilution for a specific application should be determined.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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