

Product Datasheet

ICAM-1/CD54 Antibody (1H4) - Azide and BSA Free NB110-58732

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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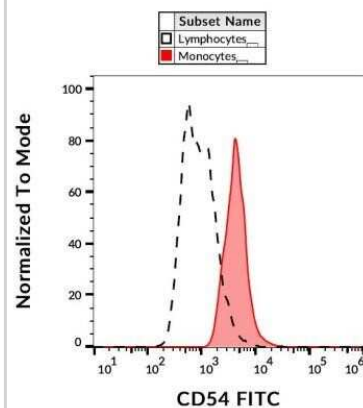
NB110-58732

ICAM-1/CD54 Antibody (1H4) - Azide and BSA Free

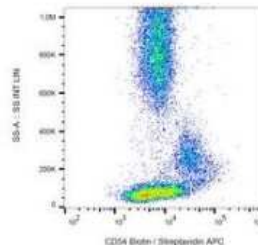
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	1H4
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein A purified
Buffer	(PBS), approx. pH 7.4; 0.2 um filter sterilized.
Target Molecular Weight	110 kDa
Product Description	
Host	Mouse
Gene ID	3383
Gene Symbol	ICAM1
Species	Human
Specificity/Sensitivity	This antibody (clone 1H4) reacts with CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus) expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells; the expression of CD54 is upregulated by activation.
Immunogen	Raji cells and spleen cells fused with NS1 cells.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready, Immunocytochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-4 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml, Immunohistochemistry-Frozen 5-10 ug/ml, Flow (Cell Surface), Immunocytochemistry, CyTOF-ready
Application Notes	Immunohistochemistry-Paraffin sections recommended dilution: 10 ug/ml Application Note: Prolonged fixation in buffered formalin can destroy the epitope. High temperature antigen unmasking technique is required. Western blotting: Recommended dilution: 1-2 ug/ml; non-reducing conditions. This antibody is CyTOF ready.

Images

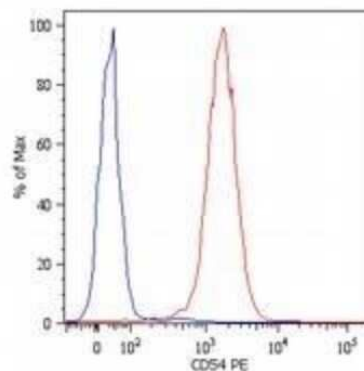
Flow (Cell Surface): ICAM-1/CD54 Antibody (1H4) - Azide Free [NB110-58732] - Surface staining of human peripheral blood with anti-CD54 (1H4) FITC. Image using the FITC format of this antibody.



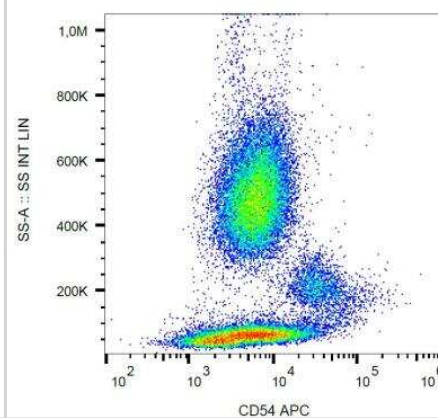
Flow Cytometry: ICAM-1/CD54 Antibody (1H4) - Azide Free [NB110-58732] - Expression of CD54 in normal human peripheral blood, as detected with anti-CD54 (1H4) biotin.



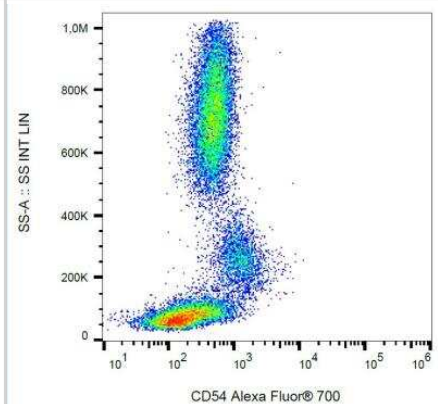
Flow Cytometry: ICAM-1/CD54 Antibody (1H4) - Azide Free [NB110-58732] - Fig. 1. Surface staining of U937 human histiocytic lymphoma cell line with anti-human CD54 (1H4) PE. Total viable cells were used for analysis. Image using the Biotin form of this antibody.



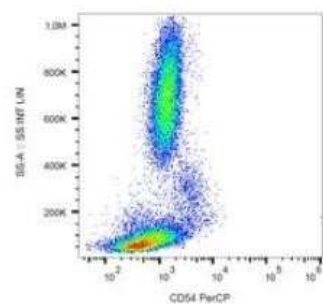
Flow Cytometry: ICAM-1/CD54 Antibody (1H4) - Azide Free [NB110-58732] - Staining of human peripheral blood with anti-CD54 (1H4) APC.



Flow Cytometry: ICAM-1/CD54 Antibody (1H4) - Azide Free [NB110-58732] - Staining of human peripheral blood with anti-CD54 (1H4) Alexa Fluor (R) 700.



Flow Cytometry: ICAM-1/CD54 Antibody (1H4) - Azide Free [NB110-58732] - Surface staining of human peripheral blood with anti-CD54 (1H4) PerCP. Image from the PE version of this antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB110-58732

NBL1-11804	ICAM-1/CD54 Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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.

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