

Product Datasheet

ICAM-1/CD54 Antibody (1H4) [FITC] NB500-583-100Tests

Unit Size: 100 Tests

Store at 4C in the dark.

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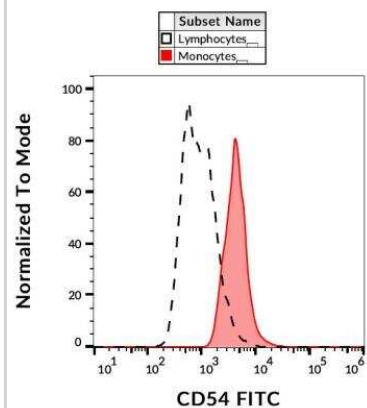


NB500-583-100Tests**ICAM-1/CD54 Antibody (1H4) [FITC]**

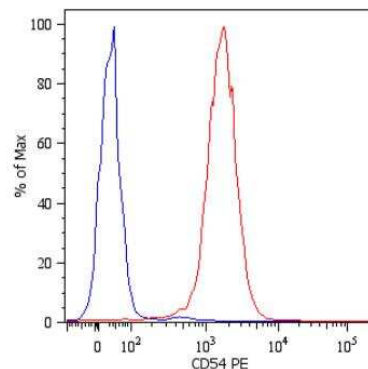
Product Information	
Unit Size	100 Tests
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	1H4
Preservative	0.9% Sodium Azide
Isotype	IgG2b
Conjugate	FITC
Purity	Size Exclusion Chromatography
Buffer	PBS and 0.2% (w/v) high grade BSA (protease free)
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
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Flow (Cell Surface)
Application Notes	The reagent is designed for Flow Cytometry analysis of human blood cells using 20 ul reagent / 100 ul of whole blood or 10 ⁶ cells in a suspension.

Images

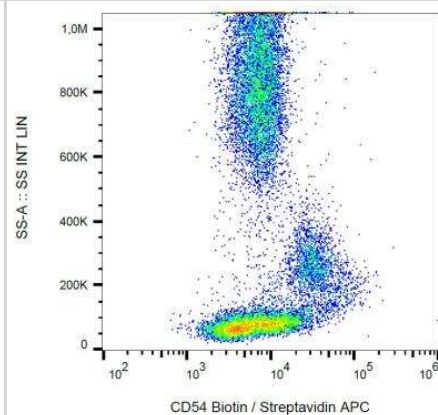
Flow (Cell Surface): ICAM-1/CD54 Antibody (1H4) [FITC] [NB500-583] - Surface staining of human peripheral blood with anti-CD54 (1H4) FITC.



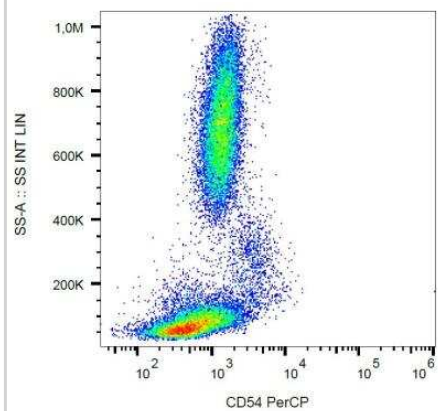
Flow (Cell Surface): ICAM-1/CD54 Antibody (1H4) [FITC] [NB500-583] - Surface staining of U937 human histiocytic lymphoma cell line with anti-human CD54 (1H4) PE. Total viable cells were used for analysis.



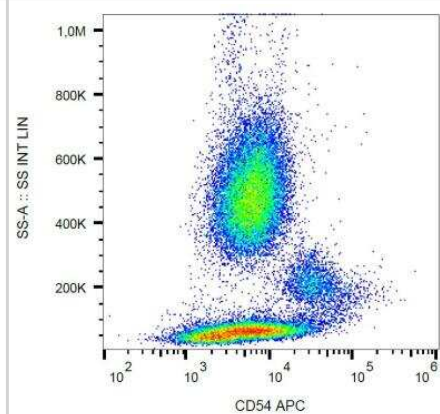
Flow Cytometry: ICAM-1/CD54 Antibody (1H4) [FITC] [NB500-583] - Expression of CD54 in normal human peripheral blood, as detected with anti-CD54 (1H4) biotin.



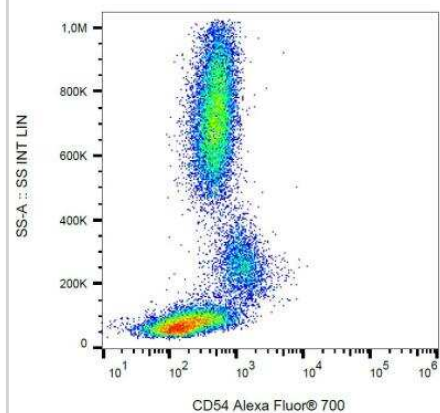
Flow (Cell Surface): ICAM-1/CD54 Antibody (1H4) [FITC] [NB500-583] - Surface staining of human peripheral blood with anti-CD54 (1H4) PerCP.



Flow (Cell Surface): ICAM-1/CD54 Antibody (1H4) [FITC] [NB500-583] - Surface staining of human peripheral blood with anti-CD54 (1H4) APC.



Flow (Cell Surface): ICAM-1/CD54 Antibody (1H4) [FITC] [NB500-583] - Surface staining of human peripheral blood with anti-CD54 (1H4) Alexa Fluor 700.





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Products Related to NB500-583-100Tests

NBP2-27229	Mouse IgG2b Isotype Control (MPC-11) [FITC]
NB500-582-100Tests	ICAM-1/CD54 Antibody (1H4) [PE]
NBP1-88701PEP	ICAM-1/CD54 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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