

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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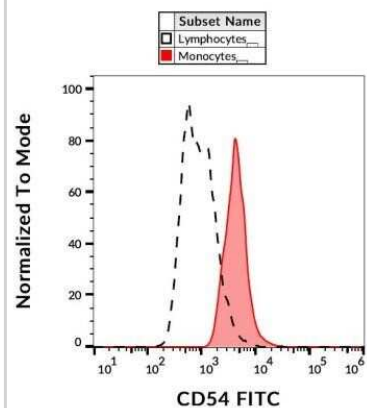
NB110-58732

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

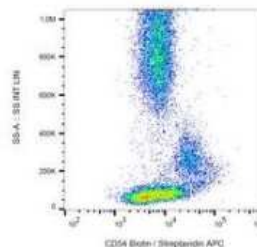
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	1H4
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	110 kDa
Product Description	
Description	Novus Biologicals Mouse ICAM-1/CD54 Antibody (1H4) - Azide and BSA Free (NB110-58732) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
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, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-4 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 10 ug/ml, Immunohistochemistry-Frozen 5-10 ug/ml, Flow (Cell Surface), 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.



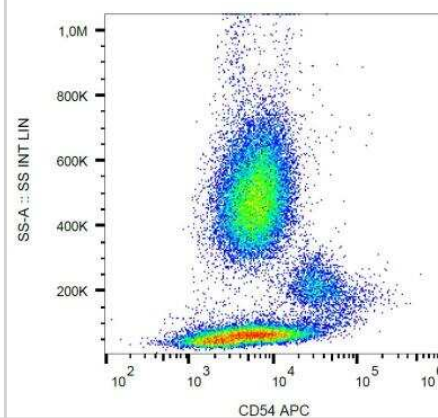
Flow Cytometry: ICAM-1/CD54 Antibody (1H4) - Azide Free [NB110-58732] - Expression of CD54 in normal human peripheral blood, as detected with anti-CD54 (1H4) biotin.



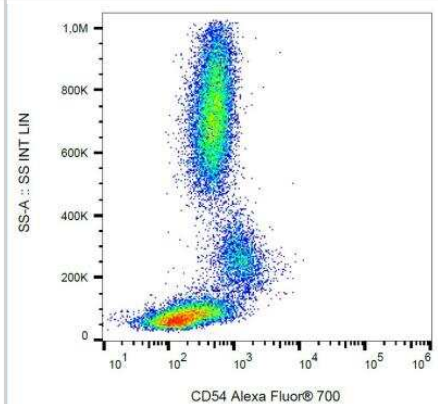
Flow Cytometry: ICAM-1/CD54 Antibody (1H4) - Azide Free [NB110-58732] - Fig. 1. Surface staining of U937 human histiocytic lymphoma cell line with anti-human CD54 (1H4) PE. Total viable cells were used for analysis. Image using the Biotin form of this antibody.



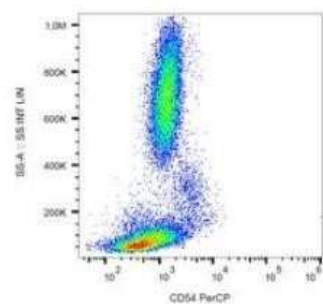
Flow Cytometry: ICAM-1/CD54 Antibody (1H4) - Azide Free [NB110-58732] - Staining of human peripheral blood with anti-CD54 (1H4) APC.



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.





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Products Related to NB110-58732

NBL1-11804	ICAM-1/CD54 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
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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