

# Product Datasheet

## ICAM-1/CD54 Antibody (1H4) [Biotin] NB500-584

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB500-584****ICAM-1/CD54 Antibody (1H4) [Biotin]**

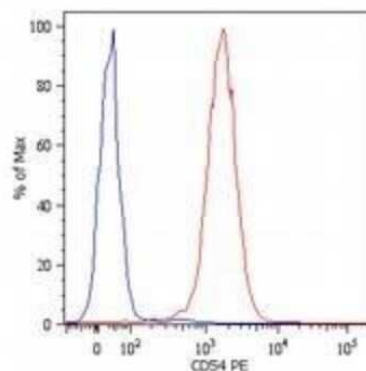
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1H4
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Conjugate</b>	Biotin
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Target Molecular Weight</b>	110 kDa

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3383
<b>Gene Symbol</b>	ICAM1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Raji cells and spleen cells fused with NS1 cells.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 2-5 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

**Images**

Flow Cytometry: ICAM-1/CD54 Antibody (1H4) [Biotin] [NB500-584] - Fig. 1. Surface staining of U937 human histiocytic lymphoma cell line with anti-human CD54 (1H4) PE. Total viable cells were used for analysis.





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### Products Related to NB500-584

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NBP2-29370	Streptavidin Native Protein
NBP2-27231B	Mouse IgG2b Isotype Control (MPC-11) [Biotin]
NB500-583-100Tests	ICAM-1/CD54 Antibody (1H4) [FITC]
NBP1-88700PEP	ICAM-1/CD54 Recombinant Protein Antigen

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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.

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