

# Product Datasheet

## ICAM-1/CD54 Antibody (3E2B) - Azide and BSA Free NBP2-22540

Unit Size: 500ug

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 10/23/2024 v.20.1

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**NBP2-22540**

ICAM-1/CD54 Antibody (3E2B) - Azide and BSA Free

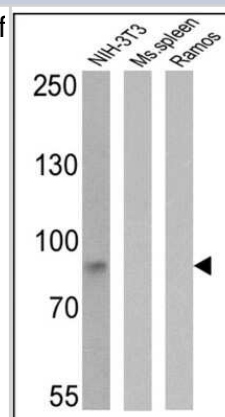
Product Information	
Unit Size	500ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3E2B
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Hamster
Gene ID	3383
Gene Symbol	ICAM1
Species	Human, Mouse
Immunogen	Mouse ICAM-1 (CD54)

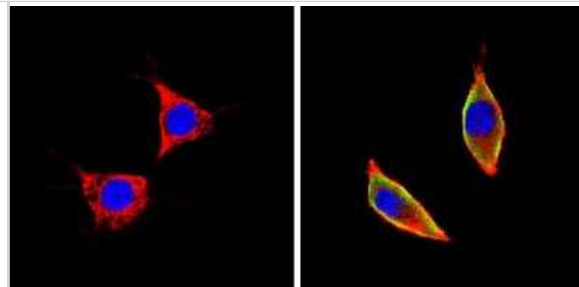
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Block/Neutralize, CyTOF-ready, Inhibition Activity
Recommended Dilutions	Western Blot 1:10 - 1:100, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:200, Immunocytochemistry/ Immunofluorescence 1:10 - 1:100, Immunohistochemistry-Paraffin 1:200, Inhibition Activity, CyTOF-ready, Block/Neutralize

**Images**

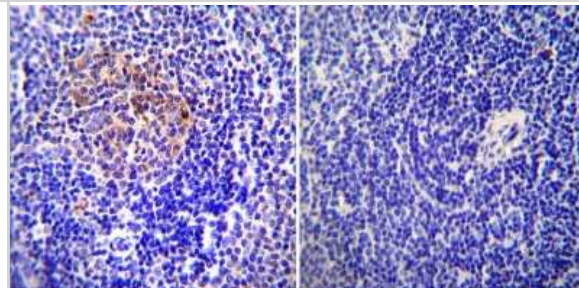
Western Blot: ICAM-1/CD54 Antibody (3E2B) [NBP2-22540] - Analysis of 25 ug of NIH-3T3 (lane 1), mouse spleen (lane 2) and Ramos (lane 3) cell lysates.



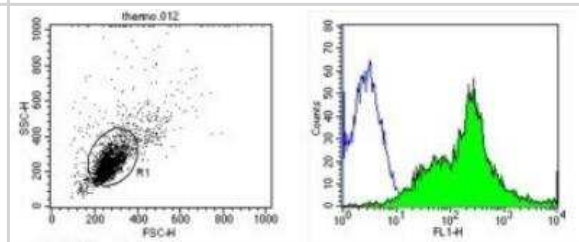
Immunocytochemistry/Immunofluorescence: ICAM-1/CD54 Antibody (3E2B) [NBP2-22540] - Analysis of CD54 (green) showing staining in the cytoplasm and membrane of NIH-3T3 cells (right) compared to a negative control without primary antibody (left).



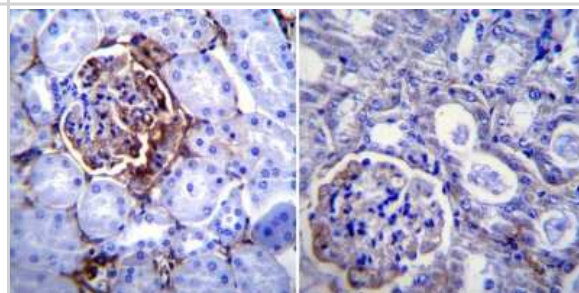
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody (3E2B) [NBP2-22540] - Normal biopsies of deparaffinized Mouse spleen tissue.



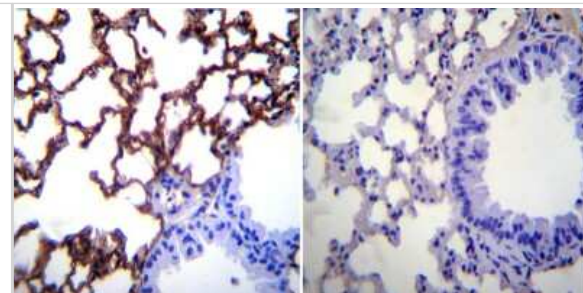
Flow Cytometry: ICAM-1/CD54 Antibody (3E2B) [NBP2-22540] - Analysis of CD54 in mouse splenocytes (green) compared to an isotype control (blue).



Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody (3E2B) [NBP2-22540] - Normal biopsies of deparaffinized Mouse kidney tissue.



Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody (3E2B) [NBP2-22540] - Normal biopsies of deparaffinized Mouse lung tissue.



## Publications

Takizawa N, Okubo N, Kamo M et al. Bone marrow-derived mesenchymal stem cells propagate immunosuppressive/anti-inflammatory macrophages in cell-to-cell contact-independent and -dependent manners under hypoxic culture Exp. Cell Res. 2017-07-13 [PMID: 28712928] (Mouse)



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### **Products Related to NBP2-22540**

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MAB011	Mouse anti-Hamster IgG Secondary Antibody (MAH1.12) [Unconjugated]
NBP1-71730	Goat anti-Hamster IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP2-21950-0.5mg	Hamster IgG Isotype Control
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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