

Product Datasheet

ICAM-1/CD54 Antibody - BSA Free NBP1-88700

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-88700

ICAM-1/CD54 Antibody - BSA Free

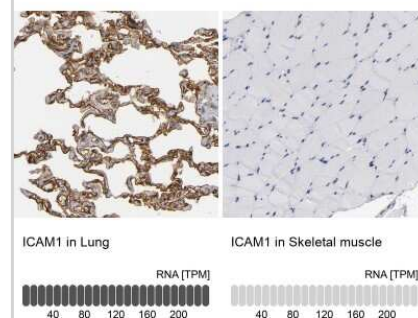
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	3383
Gene Symbol	ICAM1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CSTSCDQPKLLGIETPLPKKELLPGNNRKVYELSNVQEDSQPMCYSNCPDGQ STAKTFLTVYWTPERVELAPLPSWQPVGKNLTLRCQVEGGAPRANLTVLLRG EKELKREPAVGEPAEVTTTTLVRRD

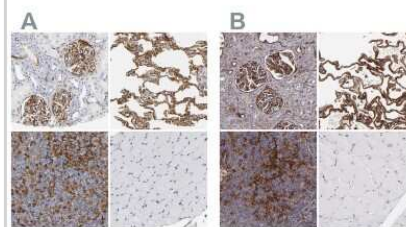
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

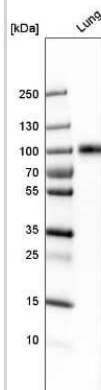
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Analysis in human lung and skeletal muscle tissues. Corresponding ICAM1 RNA-seq data are presented for the same tissues.



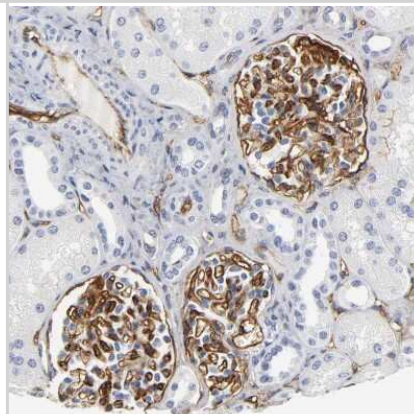
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Staining of human kidney, lung, lymph node and skeletal muscle using Anti-ICAM1 antibody NBP1-88700 (A) shows similar protein distribution across tissues to independent antibody NBP1-88701 (B).



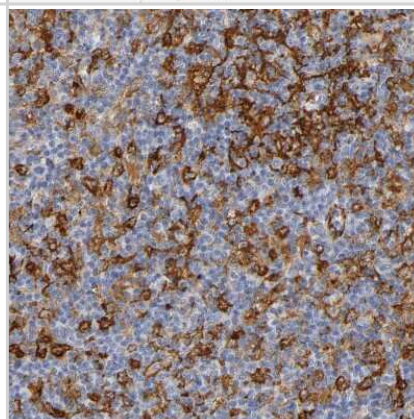
Western Blot: ICAM-1/CD54 Antibody [NBP1-88700] - Analysis in human lung tissue.



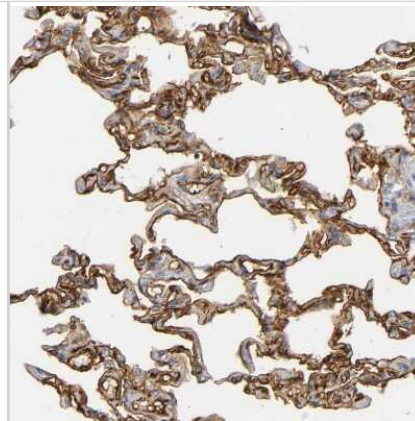
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Staining of human kidney shows moderate membranous positivity in cells in glomeruli.



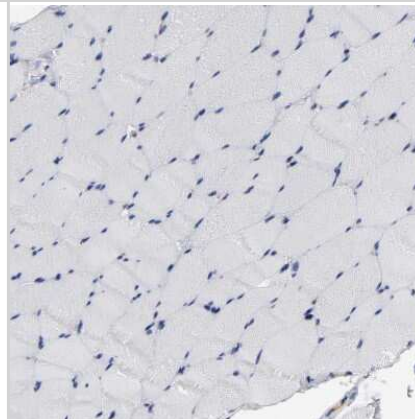
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Staining of human lymph node shows moderate membranous positivity.



Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Staining of human lung shows moderate membranous positivity in pneumocytes.



Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Cali M, McEntee, Alyssa N, Cavalier, Thomas J, LaRocca ADAR1 suppression causes interferon signaling and transposable element transcript accumulation in human astrocytes *Frontiers in Molecular Neuroscience* 2023-10-25 [PMID: 38035265]

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. *Proteome Sci* 2011-11-17 [PMID: 22093360]



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Products Related to NBP1-88700

NBP1-88700PEP	ICAM-1/CD54 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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