

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.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-88700

Updated 12/2/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-88700



NBP1-88700

ICAM-1/CD54 Antibody - BSA Free

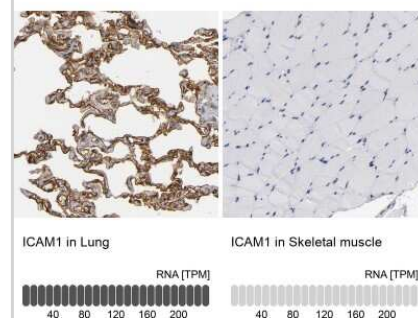
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit ICAM-1/CD54 Antibody - BSA Free (NBP1-88700) is a polyclonal antibody validated for use in IHC and WB. Anti-ICAM-1/CD54 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3383
Gene Symbol	ICAM1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CSTSCDQPKLLGIETPLPKKELLPGNNRKVYELSNVQEDSQPMCYSNCPDGQ STAKTFLT VYWT PERVELAPLPSWQPVGKNLTLRCQVEGGAPRANLTVLLRG EKELKREPAVGEPAEVTTTTLVLRD

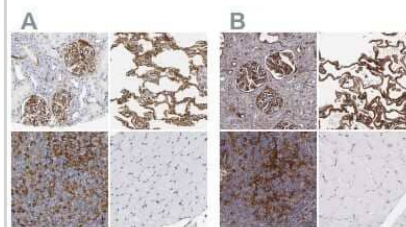
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

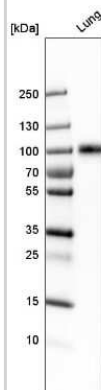
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Analysis in human lung and skeletal muscle tissues. Corresponding ICAM1 RNA-seq data are presented for the same tissues.



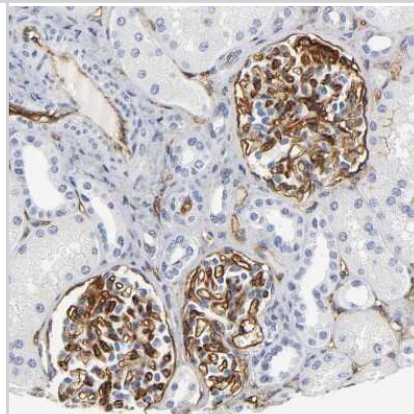
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Staining of human kidney, lung, lymph node and skeletal muscle using Anti-ICAM1 antibody NBP1-88700 (A) shows similar protein distribution across tissues to independent antibody NBP1-88701 (B).



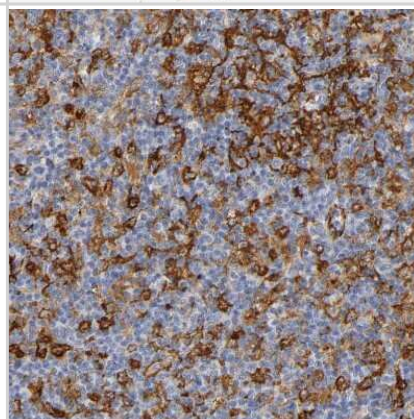
Western Blot: ICAM-1/CD54 Antibody [NBP1-88700] - Analysis in human lung tissue.



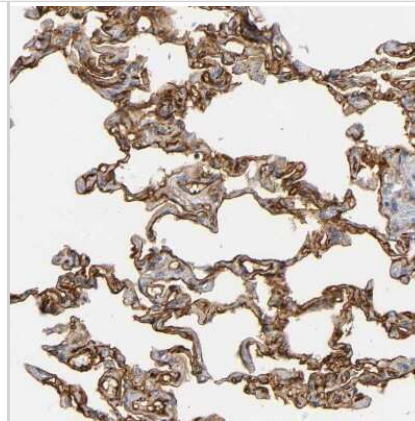
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Staining of human kidney shows moderate membranous positivity in cells in glomeruli.



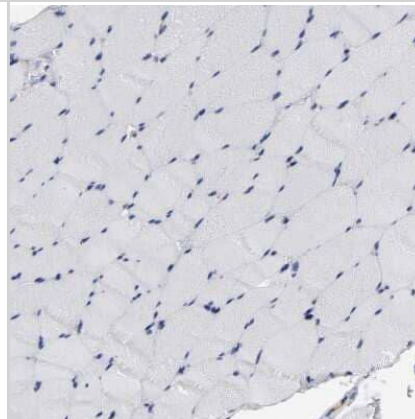
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Staining of human lymph node shows moderate membranous positivity.



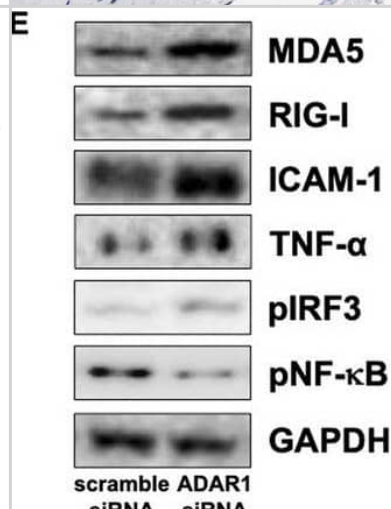
Immunohistochemistry-Paraffin: ICAM-1/CD54 Antibody [NBP1-88700] - Staining of human lung shows moderate membranous positivity in pneumocytes.



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



ADAR1 knockdown results in dsRNA increases, type I interferon signaling and pro-inflammatory protein expression. (A) Immunoblots for MDA5 and RIG-I following ADAR1 knockdown. Unpaired t-test; n = 6/condition. (B) Representative images and relative J2 (dsRNA antibody) immunofluorescence signal showing dsRNA accumulation following ADAR1 knockdown. (C) Representative immunofluorescence images showing co-localization of dsRNA (J2) and MDA5 after transfection with ADAR1 siRNA. (D) Summary immunoblot data for ICAM-1, TNF- α , pIRF3, pNF- κ B, and (E) representative images following ADAR1 knockdown. (F) Concentrations of CXCL10 and IFN β following ADAR1 siRNA knockdown. **p \leq 0.01, ***p \leq 0.001, ****p \leq 0.0001 in unpaired t-test; n = 9/condition. Error bars represent SD. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/38035265>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-88700

NBP1-88700PEP	ICAM-1/CD54 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-88700

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

