

Product Datasheet

ADAM19 Antibody - BSA Free

NBP1-69364

Unit Size: 100 ul

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

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NBP1-69364

ADAM19 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	82 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	8728
Gene Symbol	ADAM19
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22930161).
Marker	Dendritic Cell Marker
Immunogen	Synthetic peptides corresponding to ADAM19(ADAM metallopeptidase domain 19 (meltrin beta)) The peptide sequence was selected from the N terminal of ADAM19 (NP_075525). Peptide sequence VADYLEFQKNRRDQDATKHKLIEIANYVDKFYRSLNIRIALVGLVWTHG. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	Immunocytochemistry/Immunofluorescence and Immunohistochemistry were reported in scientific literature.

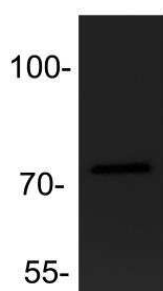


Images

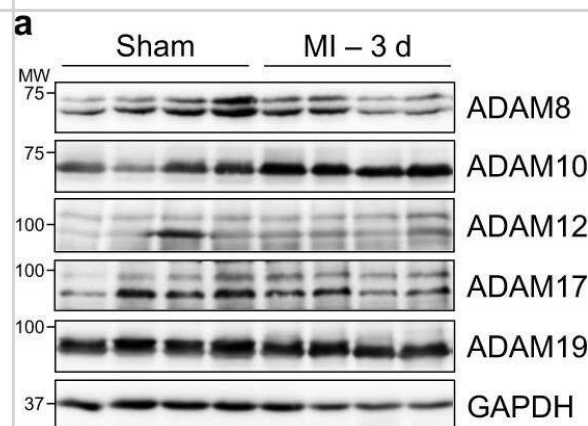
Western Blot: ADAM19 Antibody [NBP1-69364] - This Anti-ADAM19 antibody was used in Western Blot of Fetal Muscle tissue lysate at a concentration of 1ug/ml.



Western Blot: ADAM19 Antibody [NBP1-69364] - Analysis of ADAM19 in HeLa whole cell lysate (30ug) using anti-ADAM19 antibody. Image from verified customer review.



Western Blot: ADAM19 Antibody [NBP1-69364] - ADAM10 is upregulated in experimental heart injury as well as patients w/ ischemic cardiomyopathy & correlates w/ ANP/BNP expression. a WB analysis & b quantification of indicated ADAMs in heart tissue lysates of sham-operated (Sham) & LAD-ligated (MI) mice 3 days after infarction (n = 5, mean ± SEM, ns not significant, *P < 0.05, two-tailed Mann-Whitney test). Exact P-values: ADAM8, 0.150794. ADAM10, 0.015873. ADAM12, 0.150794. ADAM17, 0.690476. ADAM19, 0.690476. Image collected & cropped by CiteAb from following publication (<https://pubmed.ncbi.nlm.nih.gov/36496449>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Klapproth E, Witt A, Klose P et al. Targeting cardiomyocyte ADAM10 ectodomain shedding promotes survival early after myocardial infarction Nature communications 2022-12-10 [PMID: 36496449] (WB, Mouse)

Details:
Dilution used in WB 1:1000

Ryu J, Choe N, Kwon D et al. Circular RNA circSmoc1-2 regulates vascular calcification by acting as a miR-874-3p sponge in vascular smooth muscle cells Molecular Therapy - Nucleic Acids 2022-03-01 [PMID: 35036071] (IF/IHC, WB)

Glesne DA, Zhang W, Mandava S et al. Subtractive transcriptomics: establishing polarity drives in vitro human endothelial morphogenesis. Cancer Res. 2006-04-01 [PMID: 16618722] (ICC/IF, Human)

Kanda A, Noda K, Saito W, Ishida S. (Pro)renin receptor is associated with angiogenic activity in proliferative diabetic retinopathy Diabetologia 2012-08-30 [PMID: 22930161] (IF/IHC, ICC/IF, Mouse)

Tanabe, C. Biochem. Biophys. Res. Commun. 352 (1), 111-117. 2007-01-01 [PMID: 17112471]



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 NBP1-69364

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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