

Product Datasheet

Tie-2 Antibody - BSA Free NBP1-69753

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: 4

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Updated 9/9/2025 v.20.1

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NBP1-69753

Tie-2 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

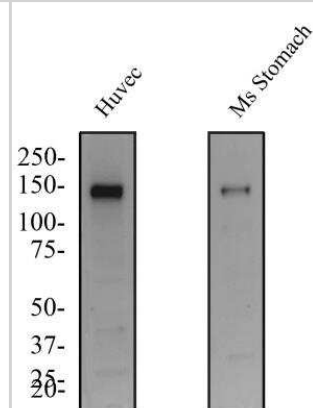
Product Description	
Description	Novus Biologicals Rabbit Tie-2 Antibody - BSA Free (NBP1-69753) is a polyclonal antibody validated for use in IHC, WB and Simple Western. Anti-Tie-2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7010
Gene Symbol	TEK
Species	Human, Mouse
Immunogen	A genomic peptide made to an internal region of the human TIE2 protein (within residues 250-400). [Swiss-Prot Q02763]
Notes	Manufactured by Genomic Antibody Technology™. GAT FAQs

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2500, Simple Western 1:50, Immunohistochemistry 1:200, Immunohistochemistry-Paraffin 1:200
Application Notes	<p>This TIE2 antibody is useful for Western blot where a band is seen ~150 kDa, and Immunohistochemistry-paraffin embedded sections where membrane, cytoplasmic and nuclear signal is seen in mouse intestines. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.</p> <p>See Simple Western Antibody Database for Simple Western validation: Tested in HUVEC lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:50, apparent MW was 164 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.</p>

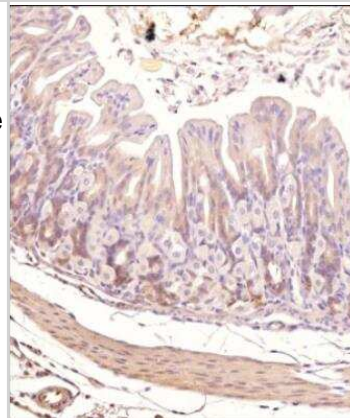


Images

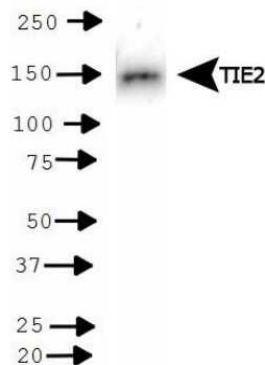
Western Blot: Tie-2 Antibody [NBP1-69753] - Total protein from human Huvec cells and mouse stomach tissue was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 1.0 ug/ml anti-TIE2 in 1% non-fat milk in TBST and detected with an anti-rabbit HRP secondary antibody using chemiluminescence.



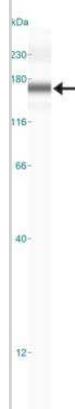
Immunohistochemistry-Paraffin: Tie-2 Antibody [NBP1-69753] - Analysis of a FFPE tissue section of mouse stomach using 1:200 dilution of Tie-2 antibody (NBP1-69753). The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin.



Western Blot: Tie-2 Antibody [NBP1-69753] - Detection of TIE2 in Huvec cell lysate



Simple Western: Tie-2 Antibody [NBP1-69753] - Simple Western lane view shows a specific band for Tie-2 in 0.5 mg/ml of HUVEC lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

Bandyopadhyay S, Duffy MP, Ahn KJ et al. Mapping the cellular biogeography of human bone marrow niches using single-cell transcriptomics and proteomic imaging. *Cell* 2024-06-07 [PMID: 38714197]

Shao, L;Sottoriva, K;Palasiewicz, K;Zhang, J;Hyun, J;Soni, SS;Paik, NY;Gao, X;Cuervo, H;Malik, AB;Rehman, J;Lucas, D;Pajcini, KV; A Tie2-Notch1 signaling axis regulates regeneration of the endothelial bone marrow niche *Haematologica* 2019-03-28 [PMID: 30923091] (WB, Mouse)

Liu C, Tang J, Li C et al. PADI4 Stimulates Esophageal Squamous Cell Carcinoma Tumor Growth and Up-regulates CA9 Expression. *Mol. Carcinog.* 2018-09-22 [PMID: 30242913] (IF/IHC, Human)

Sun L, Zhang H, Bi L et al. Angiopoietin-1 facilitates recovery of hematopoiesis in irradiated mice. *Am J Transl Res* 2016-06-27 [PMID: 27347310] (IF/IHC, Mouse)





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 NBP1-69753

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.

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