

Product Datasheet

Angiopoietin-2 Antibody (MM0020-1F29) - Azide and BSA Free **NB110-85467-0.025mg**

Unit Size: 0.025 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NB110-85467-0.025mg

Angiopoietin-2 Antibody (MM0020-1F29) - Azide and BSA Free

Product Information

| | |
|------------------------------------|---|
| Unit Size | 0.025 mg |
| Concentration | LYOPH mg/ml |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | MM0020-1F29 |
| Preservative | No Preservative |
| Reconstitution Instructions | Reconstitute with sterilized PBS to a final concentration of 0.2 mg/ml. |
| Isotype | IgG2 |
| Purity | Protein G purified |
| Buffer | Lyophilized from a 0.2 um filtered solution in PBS. 0.025 mg size is provided in liquid form, PBS |

Product Description

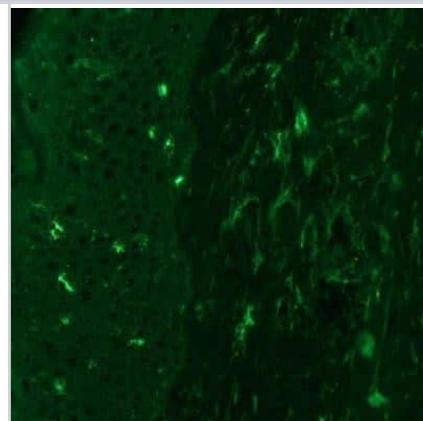
| | |
|--------------------------------|---|
| Description | Novus Biologicals Mouse Angiopoietin-2 Antibody (MM0020-1F29) - Azide and BSA Free (NB110-85467) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Angiopoietin-2 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 285 |
| Gene Symbol | ANGPT2 |
| Species | Human, Chicken |
| Reactivity Notes | Chicken data from customer review. |
| Specificity/Sensitivity | No cross reactivity with human Angiopoietin-1 |
| Immunogen | Human recombinant Angiopoietin-2 |

Product Application Details

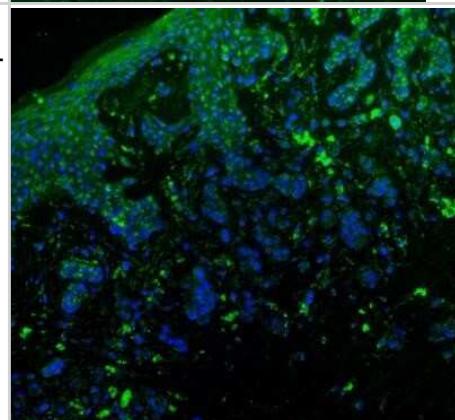
| | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen |
| Recommended Dilutions | Western Blot 1:500-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:25, Immunohistochemistry-Paraffin 1:100-1:200, Immunohistochemistry-Frozen 1:10-1:500 |
| Application Notes | By Western blot, this antibody detects a band at ~60-75 kDa under reducing conditions. Has been reported to work in Immunohistochemistry-Frozen (PMID 22302773) and Immunofluorescence in a customer review. |

Images

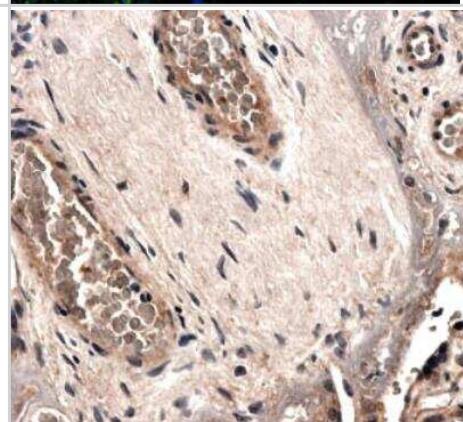
Immunocytochemistry/Immunofluorescence: Angiopoietin-2 Antibody (MM0020-1F29) [NB110-85467] - Staining of frozen human skin sections using Angiopoietin 2 antibody at 1:25 dilution. Image provided via product review by verified customer.



Immunohistochemistry: Angiopoietin-2 Antibody (MM0020-1F29) [NB110-85467] - Ang-2 (green) was detected in human skin (nevus) using Ang2-Alexa Fluor 488 antibody (1:40) in PBS for 1 hour. Nuclei were stained with DAPI (blue). Tissue was fixed with acetone. Image from a verified customer review. Image using the Alexa Fluor 488 format of this antibody.



Immunohistochemistry: Angiopoietin-2 Antibody (MM0020-1F29) [NB110-85467] - Normal Human placenta tissue



Publications

Yu B, Shen K, Li T et al. Glycolytic enzyme PFKFB3 regulates sphingosinae 1-phosphate receptor 1 in proangiogenic glomerular endothelial cells under diabetic condition American journal of physiology. Cell physiology 2023-10-02 [PMID: 37781737]

GN Yin, HR Jin, MJ Choi, A Limanjaya, K Ghatak, NN Minh, J Ock, MH Kwon, KM Song, HJ Park, HM Kim, YG Kwon, JK Ryu, JK Suh Pericyte-Derived Dickkopf2 Regenerates Damaged Penile Neurovasculature Through an Angiopoietin-1-Tie2 Pathway Diabetes, 2018-03-20;0(0):. 2018-03-20 [PMID: 29559443]

Sopo M, Sallinen H, Hamalainen K et al. High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer Am J Physiol Gastrointest Liver Physiol 2020-11-04 [PMID: 33151982]

Rueda EM, Hall BM, Hill MC et al. Gene expression and promoter methylation of angiogenic and lymphangiogenic factors as prognostic markers in melanoma Mol Oncol 2019-05-08 [PMID: 31069961] (IF, Chicken)

de Vries DK, Khairoun M, Lindeman JH et al. Renal Ischemia-Reperfusion Induces Release of Angiopoietin-2 From Human Grafts of Living and Deceased Donors. Transplantation. 2013-08-15 [PMID: 23839000] (IHC-Fr, Human)

Laquer VT, Dao BM, Pavlis JM, Nguyen AN, Chen TS, Harris RM, Rugg EL, Kelly KM. Immunohistochemistry of angiogenesis mediators before and after pulsed dye laser treatment of angiomas. Lasers Surg Med. doi: 10.1002/lsm.22005. 2012-02-02 [PMID: 22302773]



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 NB110-85467-0.025mg

| | |
|-------------------|---|
| NBL1-07522 | Angiopoietin-2 Overexpression Lysate |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-77507-0.05mg | Recombinant Human Angiopoietin-2 His Protein |

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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