

Product Datasheet

TEM8/ANTXR1 Antibody (200C1339(SB20)) - Azide and BSA Free NBP2-33232

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-33232

Updated 9/9/2025 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/NBP2-33232



NBP2-33232

TEM8/ANTXR1 Antibody (200C1339(SB20)) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	200C1339(SB20)
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse TEM8/ANTXR1 Antibody (200C1339(SB20)) - Azide and BSA Free (NB100-56585) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	84168
Gene Symbol	ANTXR1
Species	Human
Specificity/Sensitivity	Nanda et al (2004) note a passage dependent loss of TEM8 in HUVEC suggesting that that TEM8 may be a specific marker of the endothelial cell (EC) phenotype which is lost as primary EC's age in culture and de-differentiate.
Immunogen	This monoclonal antibody was developed by immunizing mice with a synthetic peptide containing amino acids 481-497 (CINFTRVKNNQPAKYPL) of human TEM8.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-3 ug/ml, Immunohistochemistry 2-5 ug/ml, Immunocytochemistry/Immunofluorescence reported in scientific literature (Matsuda (2010)), Immunohistochemistry-Paraffin 2-5 ug/ml. Use reported in scientific literature (Hotchkiss et al (2005))
Application Notes	TEM8 is observed at ~80 kDa in western blots of HUVEC cells (Hotchkiss et al, 2005) and as an 80 kDa and 85 kDa double in human colon cell lysates (Nanada et al, 2004). The size difference is thought to be due to glycosylation as a 70 kDa band was seen when cell extracts in Nanda et al (2004) were treated with a glycosidase cocktail.

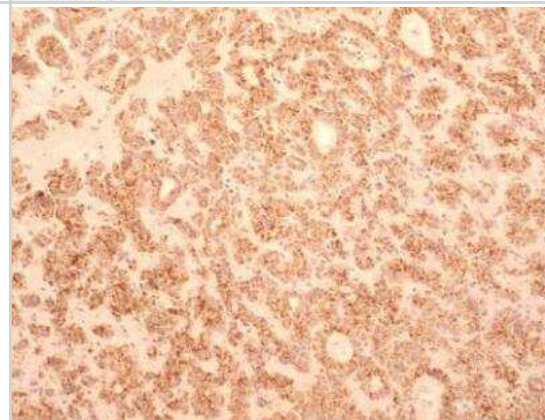


Images

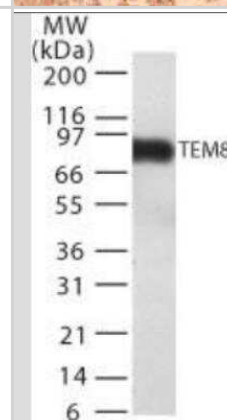
Western Blot: TEM8/ANTXR1 Antibody (200C1339(SB20)) - Azide Free [NBP2-33232] - Analysis of human heart lysates (35ug per lane, RIPA buffer) using TEM8 antibody at 0.3ug/ml. Band observed at 65kDa. (Expected MW of 62.8kDa according to NP_115584.1).



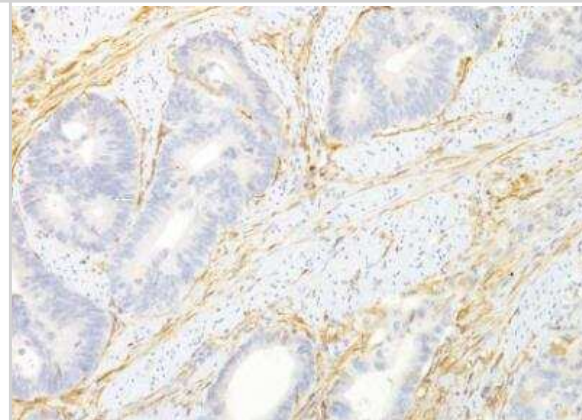
Immunohistochemistry-Paraffin: TEM8/ANTXR1 Antibody (200C1339(SB20)) - Azide Free [NBP2-33232] - Detection in human liver cancer section using 5 ug/ml concentration of TEM8 antibody. Uniform weak staining was observed in the cancerous cells, while the blood vessels depicted the expected intense positivity for TEM8.



Western Blot: TEM8/ANTXR1 Antibody (200C1339(SB20)) - Azide Free [NBP2-33232] - Detection in TEM8 transfected cell lysate using this antibody.



Immunohistochemistry-Paraffin: TEM8/ANTXR1 Antibody (200C1339(SB20)) - Azide Free [NBP2-33232] - Formalin-fixed paraffin-embedded section of human colon stained with TEM8 antibody at 2.5 ug/ml concentration using DAB chromogen detection method (10X magnification)





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 NBP2-33232

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-77233PEP	TEM8/ANTXR1 Antibody Blocking Peptide

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/NBP2-33232

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

