

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.

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NBP2-33232

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

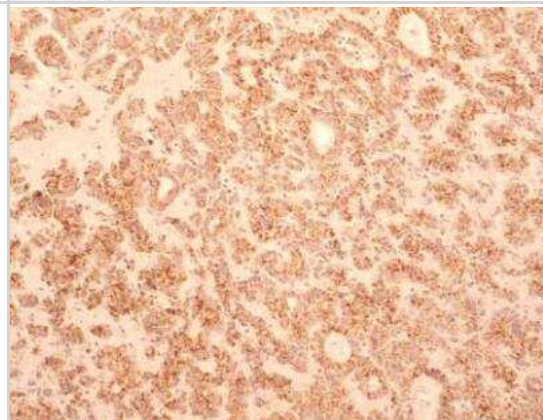
| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 200C1339(SB20) |
| Preservative | No Preservative |
| 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).

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

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.

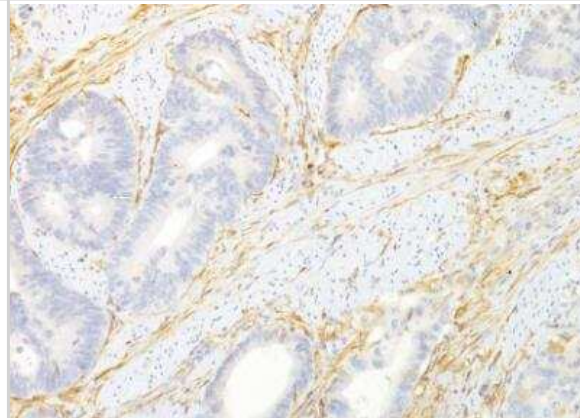


Western Blot: TEM8/ANTXR1 Antibody (200C1339(SB20)) - Azide Free [NBP2-33232] - Detection in TEM8 transfected cell lysate using this antibody.

MW (kDa)
200 —
116 —
97 —
66 —
55 —
36 —
31 —
21 —
14 —
6 —

TEM8

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)





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Products Related to NBP2-33232

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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