

Product Datasheet

STI1 Antibody (4B6) - Azide and BSA Free H00010963-M01

Unit Size: 0.1 mg

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

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H00010963-M01

ST11 Antibody (4B6) - Azide and BSA Free

| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 4B6 |
| Preservative | No Preservative |
| Isotype | IgG2a Kappa |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |

| Product Description | |
|-------------------------|--|
| Description | Novus Biologicals Mouse ST11 Antibody (4B6) - Azide and BSA Free (H00010963-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-ST11 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 10963 |
| Gene Symbol | STIP1 |
| Species | Human, Mouse |
| Reactivity Notes | Human. Other species not tested. |
| Specificity/Sensitivity | STIP1 - stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein) |
| Immunogen | STIP1 (AAH02987.1, 1 a.a. ~ 543 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEQVNELKEKGNKALSVGNIDDALQCYSEAIKLDPHNHVLYSNRSAAYAKKGD YQKAYEDGCKTVDLKPDWGKGYSRKAAALEFLNRFEEAKRTYEEGLKHEANN PQLKEGLQNMEARLAERKFMNPFNMPNLYQKLESDPRTTRLLSDPTYRELIEQ LRNKPSDLGTLQDPRIMTTLSVLLGVLDLGSMDDEEEIATPPPPPPPKKETKPE PMEEDLPENKKQALKEKELGNDAYKKKDFDTALKHYDKAKELDPTNMTYITNQ AAVYFEKGDYNKCRELCEKAIEVGRENREDYRQIAKAYARIGNSYFKEEKYKDA IHFYNKSLAEHRTPDVLKCKQQAEEKILKEQERLAYINPDLALEEKNKGNECFQK GDYPQAMKHYTEAIKRNPKDAKLYSNRAACYTKLLEFQLALKDCEECIQLEPTFI KGYTRKAAALEAMKDYTKAMDVYQKALDLDSSCKEAADGYQRCMMAQYNRH DSPEDVKRRAMADPEVQQIMSDPAMRLILEQMOKDPQALSEHLKNPVIQAQKIQ KLMDVGLIAIR |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Sandwich ELISA |
| Recommended Dilutions | Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Sandwich ELISA |

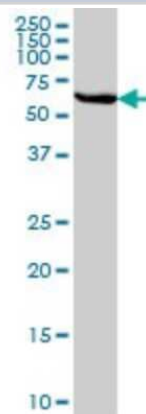


Application Notes

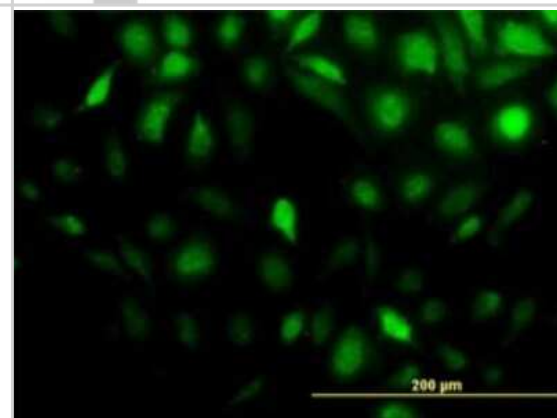
Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

Images

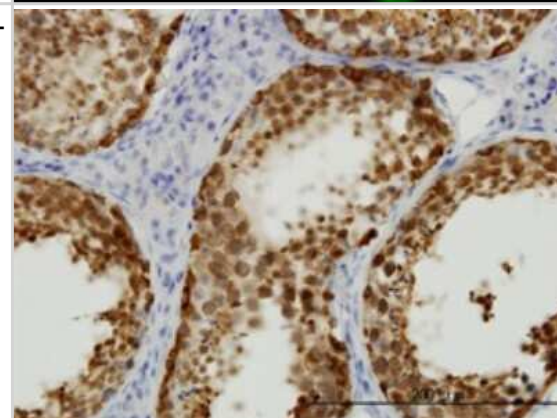
Western Blot: STI1 Antibody (4B6) [H00010963-M01] - STIP1 monoclonal antibody (M01), clone 4B6 Analysis of STIP1 expression in HeLa.



Immunocytochemistry/Immunofluorescence: STI1 Antibody (4B6) [H00010963-M01] - Analysis of monoclonal antibody to STIP1 on HeLa cell. Antibody concentration 10 ug/ml.



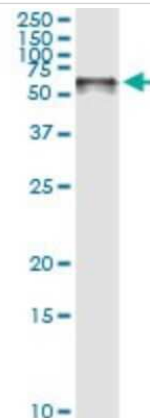
Immunohistochemistry-Paraffin: STI1 Antibody (4B6) [H00010963-M01] - Analysis of monoclonal antibody to STIP1 on formalin-fixed paraffin-embedded human testis. Antibody concentration 0.3 ug/ml.



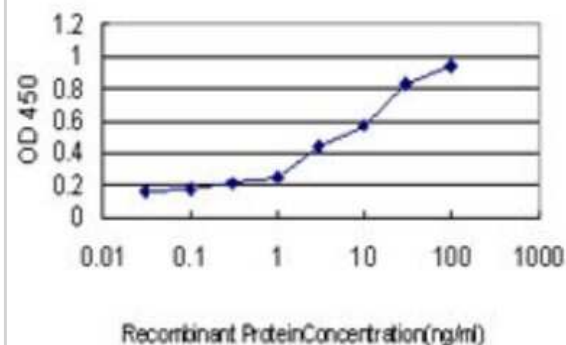
Western Blot: STI1 Antibody (4B6) [H00010963-M01] - Analysis of STIP1 expression in transfected 293T cell line by STIP1 monoclonal antibody (M01), clone 4B6. Lane 1: STIP1 transfected lysate(62.6 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: STI1 Antibody (4B6) [H00010963-M01] - Analysis of STIP1 transfected lysate using anti-STIP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with STIP1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: STI1 Antibody (4B6) [H00010963-M01] - Detection limit for recombinant GST tagged STIP1 is approximately 0.1ng/ml as a capture antibody.



Publications

Hiller H, Yang C, Beachy DE et al. Altered cellular localisation and expression, together with unconventional protein trafficking, of prion protein, PrPC, in type 1 diabetes Diabetologia 2021-07-17 [PMID: 34274990]

Ho J, Kong JW, Choong LY et al. Novel Breast Cancer Metastasis-Associated Proteins. J Proteome Res. 2008-12-16 [PMID: 19086899]

Wang TH, Chao A, Tsai CL et al. Stress-induced phosphoprotein 1 as a secreted biomarker for human ovarian cancer promotes cancer cell proliferation. Mol Cell Proteomics. 2010-05-25 [PMID: 20501939]

Gao Y, Yechikov S, Vazquez AE et al. Distinct roles of molecular chaperones HSP90alpha and HSP90beta in the biogenesis of KCNQ4 channels. PLoS One. 2013-01-01 [PMID: 23431407] (Human)

Nakamura M, Morisawa H, Imajoh-Ohmi S et al. Proteomic analysis of protein complexes in human SH-SY5Y neuroblastoma cells by using blue-native gel electrophoresis: An increase in lamin A/C associated with heat shock protein 90 in response to 6-hydroxydopamine-induced oxidative stress Exp Gerontol. Exp Gerontol. 2009-03-03 [PMID: 19264120]



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 H00010963-M01

| | |
|------------------|--|
| 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] |
| NBP1-96981-0.5mg | Mouse IgG2a Kappa Isotype Control (M2AK) |

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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