

# Product Datasheet

## STI1 Antibody (2E11) - Azide and BSA Free H00010963-M35

Unit Size: 0.1 mg

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

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### Publications: 4

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**H00010963-M35**

ST11 Antibody (2E11) - 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               | 2E11   |
| Preservative        | No Preservative  |
| Isotype             | IgG1 Kappa   |
| Purity              | IgG purified   |
| Buffer              | In 1x PBS, pH 7.4  |

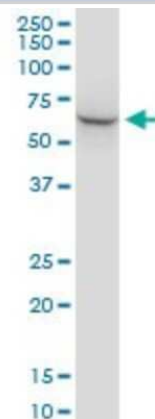
| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Mouse ST11 Antibody (2E11) - Azide and BSA Free (H00010963-M35) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-ST11 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| Host                | Mouse  |
| Gene ID             | 10963  |
| Gene Symbol         | STIP1  |
| Species             | Human  |
| Reactivity Notes    | This product is reactive against Human.  |
| 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.<br>MEQVNELKEKGNKALSVGNIDDALQCYSEAIKLDPHNHVLYSNRSAAYAKKGD<br>YQKAYEDGCKTVDLKPDWGKGYSRKAAALEFLNRFEEAKRTYEEGLKHEANN<br>PQLKEGLQNMEARLAERKFMNPFNMPNLYQKLESDPRTRTLSDPTYRELIEQ<br>LRNKPSDLGTLQDPRIMTTLSVLLGVDLGSMDEEEEIATPPPPPPPKKETKPE<br>PMEEDLPENKKQALKEKELGNDAYKKKDFDTALKHYDKAKELDPTNMTYITNQ<br>AAVYFEKGDYNKRELCEKAIEVGRENREDYRQIAKAYARIGNSYFKEEKYKDA<br>IHFYNKSLAEHRTPDVLKCCQQAEEKILKEQERLAYINPDLALEEKNKGNECFQK<br>GDYPQAMKHYTEAIKRNPKDAKLYSNRAACYTKLLEFQLALKDCEECIQLEPTFI<br>KGYTRKAAALEAMKDYTKAMDVYQKALDLDSSCKEAADGYQRMMMAQYNRH<br>DSPEDVKRRAMADPEVQQIMSDPAMRLILEQMOKDPQALSEHLKNPVIAQKIQ<br>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, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Sandwich ELISA |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA |
| Application Notes           | This antibody is useful for ELISA, Western Blot   |

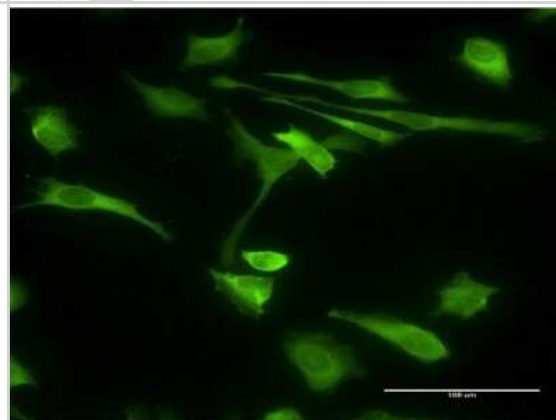


## Images

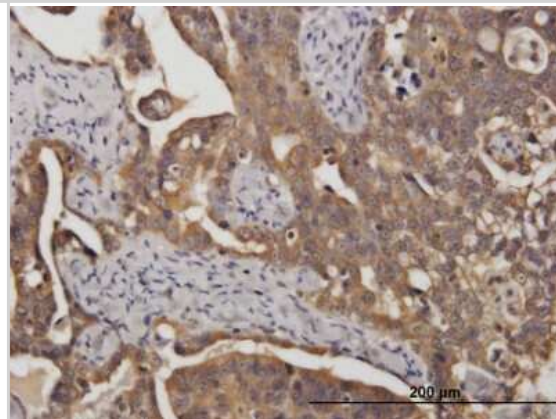
Western Blot: STI1 Antibody (2E11) [H00010963-M35] - Analysis of STIP1 expression in human ovarian cancer.



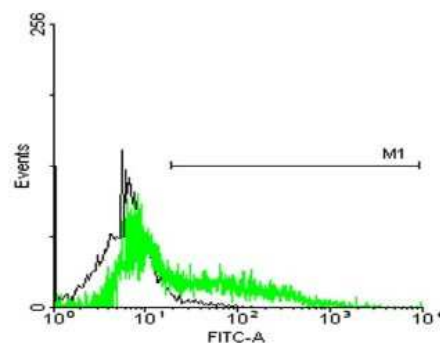
Immunocytochemistry/Immunofluorescence: STI1 Antibody (2E11) [H00010963-M35] - Analysis of monoclonal antibody to STIP1 on HeLa cell. Antibody concentration 10 ug/ml



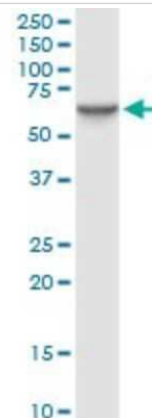
Immunohistochemistry-Paraffin: STI1 Antibody (2E11) [H00010963-M35] - Analysis of monoclonal antibody to STIP1 on formalin-fixed paraffin-embedded human ovarian cancer. Antibody concentration 0.75 ug/ml



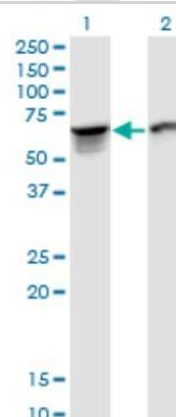
Flow Cytometry: STI1 Antibody (2E11) [H00010963-M35] - Analysis of HeLa cells stained with STIP1 monoclonal antibody clone 2E11 (Green) and non-stained HeLa cells (Black) as negative control.



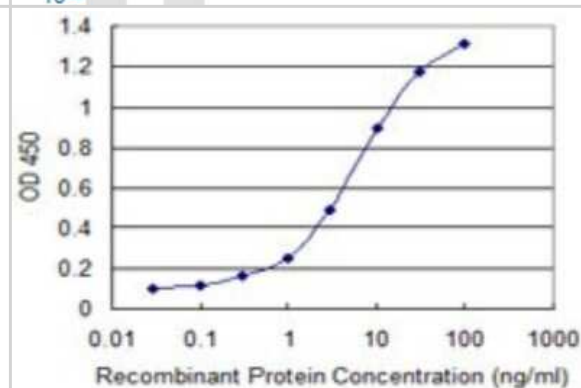
Western Blot: STI1 Antibody (2E11) [H00010963-M35] - Analysis of STIP1 expression in MCF-7.



Western Blot: STI1 Antibody (2E11) [H00010963-M35] - Analysis of STIP1 expression in transfected 293T cell line by STIP1 monoclonal antibody (M35), clone 2E11. Lane 1: STIP1 transfected lysate (Predicted MW: 62.6 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: STI1 Antibody (2E11) [H00010963-M35] - Detection limit for recombinant GST tagged STIP1 is 0.1 ng/ml as a capture antibody.



## Publications

Wang H, Tsai C, Chang P et al. Positive associations between upregulated levels of stress-induced phosphoprotein 1 and matrix metalloproteinase-9 in endometriosis/adenomyosis. PLoS One. 2018-01-05 [PMID: 29304094]

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]

Chao A, Lai CH, Tsai CL et al. Tumor Stress-Induced Phosphoprotein1 (STIP1) as a Prognostic Biomarker in Ovarian Cancer. PLoS One. 2013-02-27 [PMID: 23468915]

Chao A, Lee LY, Hsueh C et al. Immunohistological analysis of stress-induced phosphoprotein 1 in ovarian cancer patients with low serum cancer antigen 125 levels. Taiwan J Obstet Gynecol. 2013-06-01 [PMID: 23915849]



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### **Products Related to H00010963-M35**

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|                  |  |
|------------------|--|
| 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] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)      |

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### **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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