

# Product Datasheet

## smu1 Antibody - Azide and BSA Free H00055234-B01P

Unit Size: 0.05 mg

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

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**H00055234-B01P**

smu1 Antibody - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.05 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           | Polyclonal                                                                                                       |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG                                                                                                              |
| Purity              | Protein A purified                                                                                               |
| Buffer              | PBS (pH 7.4)                                                                                                     |

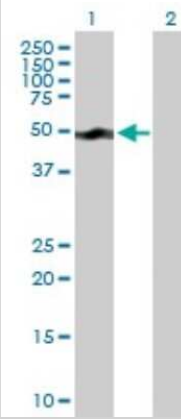
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Novus Biologicals Mouse smu1 Antibody - Azide and BSA Free (H00055234-B01P) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                 | 55234                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol             | SMU1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity/Sensitivity | SMU1 - smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans),                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen               | SMU1 (NP_060695.2, 1 a.a. - 513 a.a.) full-length human protein.<br>MSIEIESSDVIRLIMQYLKENS LHRALATLQEETT VSLNTVDSIESFVADINSGHW<br>DTVLQAIQSLKLPDKTLIDLYEQVVLELIELRELGAARSLLRQTDP MIMLKQTQPE<br>RYIHLENLLARSYFDPREAYPDGSSKEKRRAAIAQALAGEVSVVPPSRLMALLG<br>QALKWQQHQGLLPGMTIDLFRGKA AVKDVEEEKFPTQLSRHIKFGQKSHVEC<br>ARFSPDGQYLVTGSDGFI EVWNFTTGKIRKDLKYQAQDNFMMMDDAVLCMC<br>FSRDTEMLATGAQDGKIKVWKIQSGQCLRRFERAHSKGVTCLSFSKDSSQILS<br>ASFDQTIRIHGLKSGKTLKEFRGHSSFVNEATFTQDGHYIISASSDGT VKIWNMK<br>TTECSNTFKSLGSTAGTDITVNSVILLPKNPEHFVVCNRSNTVVIMNMQQQIVRS<br>FSSGKREGGDFVCCALSPRGEWIYCVGEDFVLYCFSTVTGKLERTLT VHEKDV<br>IGIAHHPHQNL IATYSEDGLLKLWKP |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Product Application Details |                                                                                                                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot 1:500, Immunocytochemistry/ Immunofluorescence                                                                                                                                                            |
| Application Notes           | Antibody reactive against transfected lysate for western blot and recombinant protein with GST tag for ELISA and Western Blot. GST tag alone is used as a negative control. Has also been used for immunofluorescence. |

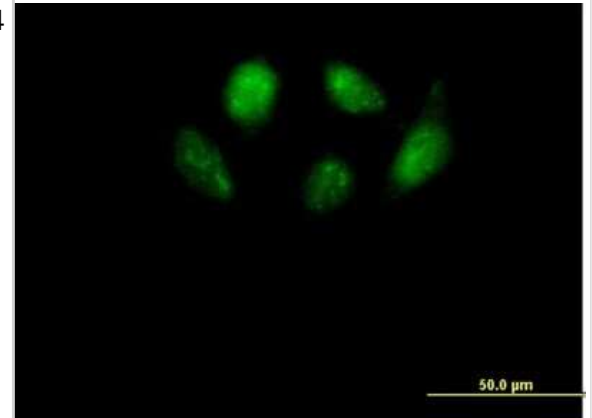


## Images

Western Blot: smu1 Antibody [H00055234-B01P] - Analysis of SMU1 expression in transfected 293T cell line by SMU1 polyclonal antibody. Lane 1: SMU1 transfected lysate(56.43 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: smu1 Antibody [H00055234-B01P] - Analysis of purified antibody to SMU1 on HeLa cell. (antibody concentration 10 ug/ml)



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**Products Related to H00055234-B01P**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97019-5mg     | Mouse IgG Isotype Control                               |
| H00055234-P01-10ug | Recombinant Human smu1 GST (N-Term) 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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