

# Product Datasheet

## USP33 Antibody (5B5) - Azide and BSA Free H00023032-M01

Unit Size: 0.1 mg

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

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**H00023032-M01**

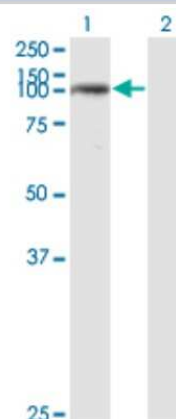
USP33 Antibody (5B5) - Azide and BSA Free

| 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                       | 5B5                                                                                                                                                                                                                                |
| Preservative                | No Preservative                                                                                                                                                                                                                    |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                         |
| Purity                      | IgG purified                                                                                                                                                                                                                       |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                    |
| Description                 | Novus Biologicals Mouse USP33 Antibody (5B5) - Azide and BSA Free (H00023032-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Mouse                                                                                                                                                                                                                              |
| Gene ID                     | 23032                                                                                                                                                                                                                              |
| Gene Symbol                 | USP33                                                                                                                                                                                                                              |
| Species                     | Human                                                                                                                                                                                                                              |
| Reactivity Notes            | Human. Other species not tested.                                                                                                                                                                                                   |
| Specificity/Sensitivity     | USP33 - ubiquitin specific protease 33                                                                                                                                                                                             |
| Immunogen                   | USP33 (NP_055832, 327 a.a. ~ 426 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>SDRAENENGSRCSFSEDNNETTMLIQDDENNSEMSKDWQKEKMCNKINKVNSE<br>GEFDKDRDSISETVDLNNQETVKVQIHSRASEYITDVHSNDLSTPQIL    |
| 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.                                                             |

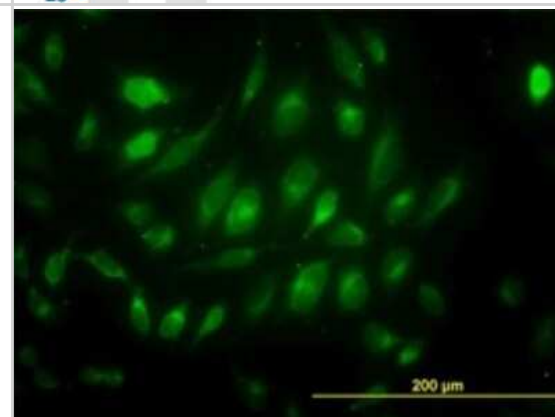


## Images

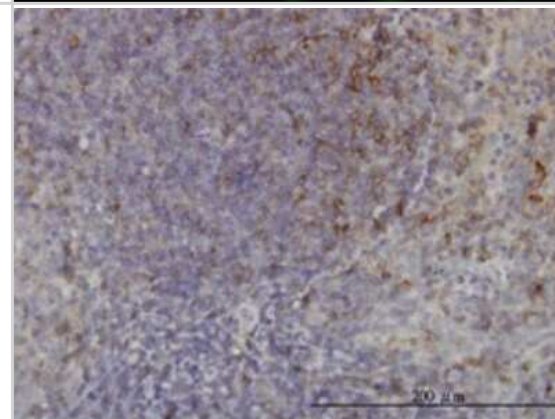
Western Blot: USP33 Antibody (5B5) [H00023032-M01] - Analysis of USP33 expression in transfected 293T cell line by USP33 monoclonal antibody (M01), clone 5B5. Lane 1: USP33 transfected lysate(103.3 KDa). Lane 2: Non-transfected lysate.



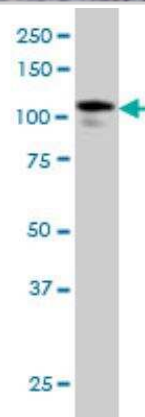
Immunocytochemistry/Immunofluorescence: USP33 Antibody (5B5) [H00023032-M01] - Analysis of monoclonal antibody to USP33 on HeLa cell. Antibody concentration 20 ug/ml.



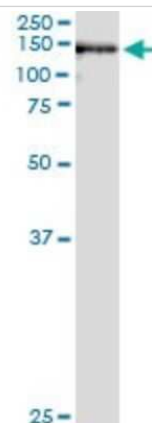
Immunohistochemistry-Paraffin: USP33 Antibody (5B5) [H00023032-M01] - Analysis of monoclonal antibody to USP33 on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml.



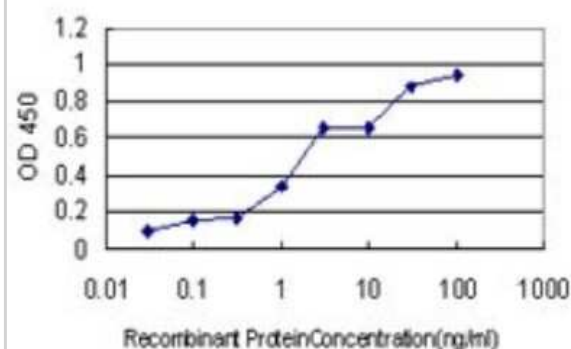
Western Blot: USP33 Antibody (5B5) [H00023032-M01] - USP33 expression in HeLa ( Cat # L013V1 ).



Immunoprecipitation: USP33 Antibody (5B5) [H00023032-M01] - Analysis of USP33 transfected lysate using anti-USP33 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with USP33 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: USP33 Antibody (5B5) [H00023032-M01] - Detection limit for recombinant GST tagged USP33 is approximately 0.1ng/ml as a capture antibody.





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### **Products Related to H00023032-M01**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NBP1-82931PEP    | USP33 Recombinant Protein Antigen                       |

### **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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