

# Product Datasheet

## TOR/mTOR Antibody (8H5A5) - BSA Free NBP2-52513

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-52513](http://www.novusbio.com/NBP2-52513)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-52513](http://www.novusbio.com/reviews/destination/NBP2-52513)



**NBP2-52513**

TOR/mTOR Antibody (8H5A5) - BSA Free

**Product Information**

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 mg                                                                                 |
| <b>Concentration</b>           | 1 mg/ml                                                                                |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                                                                             |
| <b>Clone</b>                   | 8H5A5                                                                                  |
| <b>Preservative</b>            | 0.05% Sodium Azide                                                                     |
| <b>Isotype</b>                 | IgG2a                                                                                  |
| <b>Purity</b>                  | Protein G purified                                                                     |
| <b>Buffer</b>                  | PBS                                                                                    |
| <b>Target Molecular Weight</b> | 289 kDa                                                                                |

**Product Description**

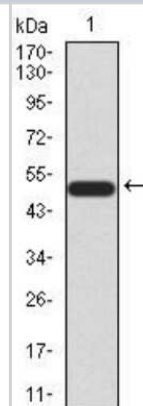
|                    |                                                                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Mouse TOR/mTOR Antibody (8H5A5) - BSA Free (NBP2-52513) is a monoclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Mouse                                                                                                                                                                                                          |
| <b>Gene ID</b>     | 2475                                                                                                                                                                                                           |
| <b>Gene Symbol</b> | MTOR                                                                                                                                                                                                           |
| <b>Species</b>     | Human                                                                                                                                                                                                          |
| <b>Immunogen</b>   | Purified recombinant fragment of human TOR/mTOR (AA: 2311-2529) expressed in E. Coli.                                                                                                                          |

**Product Application Details**

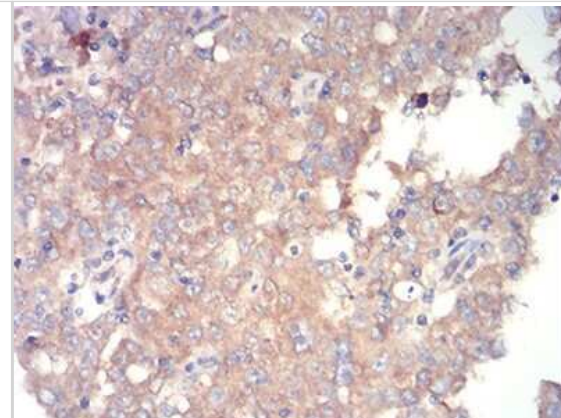
|                              |                                                                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, CyTOF-ready                                                |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:2000, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready |
| <b>Application Notes</b>     | This antibody is Cytof ready.                                                                                                        |

**Images**

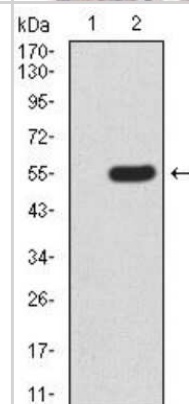
Western Blot: TOR/mTOR Antibody (8H5A5) [NBP2-52513] - Analysis using mTOR mAb against human mTOR (AA: 2311-2529) recombinant protein. (Expected MW is 50.8 kDa)



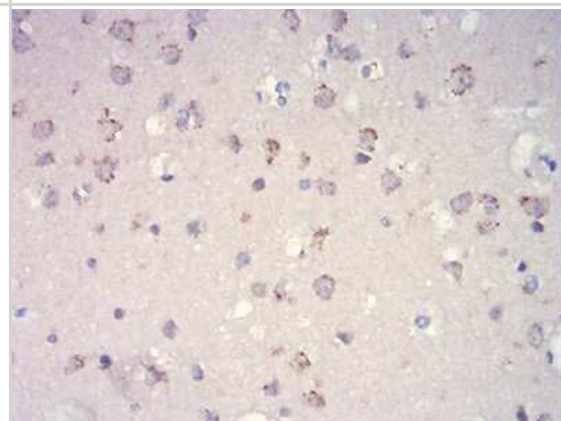
Immunohistochemistry-Paraffin: TOR/mTOR Antibody (8H5A5) [NBP2-52513] - Analysis of endometrial cancer tissues using mTOR mouse mAb with DAB staining.



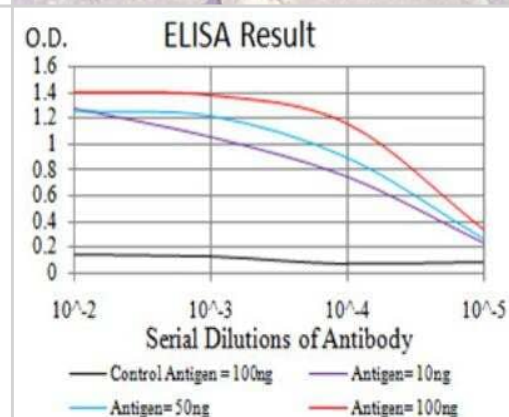
Western Blot: TOR/mTOR Antibody (8H5A5) [NBP2-52513] - Analysis using mTOR mAb against HEK293 (1) and mTOR (AA: 2311-2529)-hlgGfc transfected HEK293 (2) cell lysate.



Immunohistochemistry-Paraffin: TOR/mTOR Antibody (8H5A5) [NBP2-52513] - Analysis of brain tissues using mTOR mouse mAb with DAB staining.



ELISA: TOR/mTOR Antibody (8H5A5) [NBP2-52513] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-52513**

---

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96778         | Mouse IgG2a Isotype Control (M2A)                       |
| H00002475-Q01-10ug | Recombinant Human TOR/mTOR 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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-52513](http://www.novusbio.com/reviews/submit/NBP2-52513)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

