

# Product Datasheet

## 5-HT3A Antibody (4D5E7) - BSA Free NBP2-61786

Unit Size: 0.1 ml

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/NBP2-61786](http://www.novusbio.com/NBP2-61786)

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/NBP2-61786](http://www.novusbio.com/reviews/destination/NBP2-61786)



**NBP2-61786**

5-HT3A Antibody (4D5E7) - BSA Free

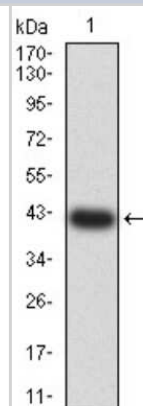
| Product Information     |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| Unit Size               | 0.1 ml                                                                                 |
| Concentration           | 1 mg/ml                                                                                |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                                                                             |
| Clone                   | 4D5E7                                                                                  |
| Preservative            | 0.05% Sodium Azide                                                                     |
| Isotype                 | IgG2a                                                                                  |
| Purity                  | Protein G purified                                                                     |
| Buffer                  | PBS                                                                                    |
| Target Molecular Weight | 55.3 kDa                                                                               |

| Product Description |                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse 5-HT3A Antibody (4D5E7) - BSA Free (NBP2-61786) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                                      |
| Gene ID             | 3359                                                                                                                                                                                                                       |
| Gene Symbol         | HTR3A                                                                                                                                                                                                                      |
| Species             | Human                                                                                                                                                                                                                      |
| Immunogen           | Purified recombinant fragment of human 5-HT3A (AA: extra 24-157) expressed in E. Coli.                                                                                                                                     |

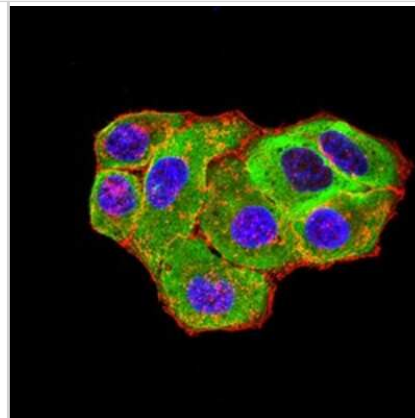
| Product Application Details |                                                                                                                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                             |
| Recommended Dilutions       | Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:100-1:2000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:200-1:1000 |

**Images**

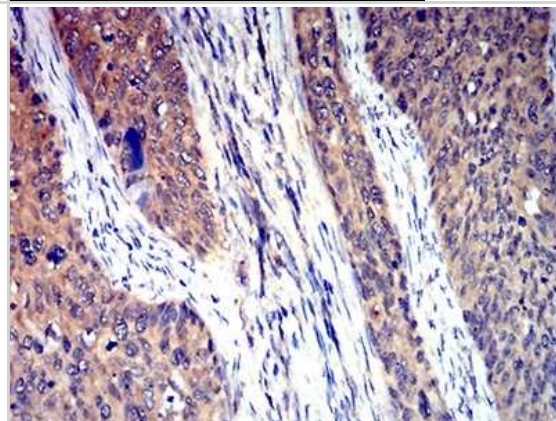
Western Blot: 5-HT3A Antibody (4D5E7) [NBP2-61786] - Analysis using HTR3A mAb against human HTR3A (AA: extra 24-157) recombinant protein. (Expected MW is 41.9 kDa)



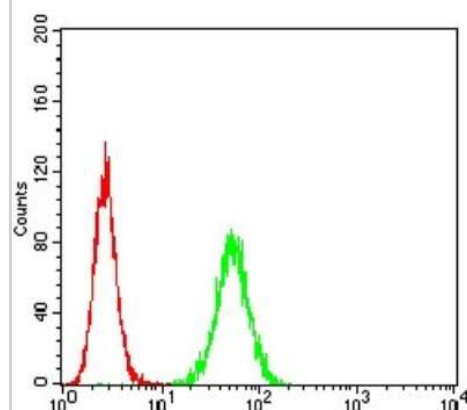
Immunocytochemistry/Immunofluorescence: 5-HT3A Antibody (4D5E7) [NBP2-61786] - Analysis of Hela cells using HTR3A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



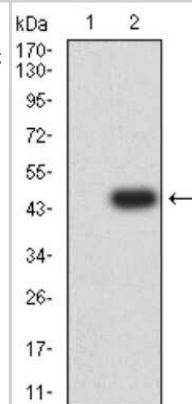
Immunohistochemistry-Paraffin: 5-HT3A Antibody (4D5E7) [NBP2-61786] - Analysis of cervical cancer tissues using HTR3A mouse mAb with DAB staining.



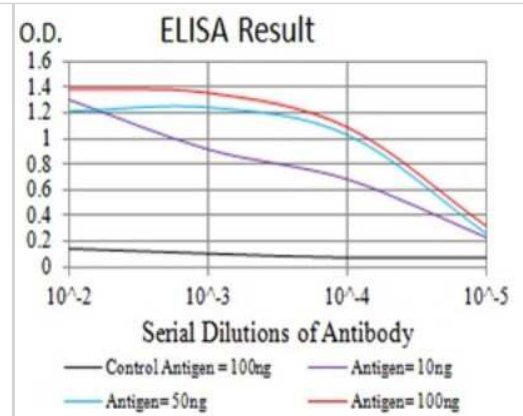
Flow Cytometry: 5-HT3A Antibody (4D5E7) [NBP2-61786] - Analysis of Hela cells using HTR3A mouse mAb (green) and negative control (red).



Western Blot: 5-HT3A Antibody (4D5E7) [NBP2-61786] - Analysis using HTR3A mAb against HEK293 (1) and HTR3A (AA: extra 24-157)-hlgGfC transfected HEK293 (2) cell lysate.



ELISA: 5-HT3A Antibody (4D5E7) [NBP2-61786] - 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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-61786**

---

|               |                                                         |
|---------------|---------------------------------------------------------|
| 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)                       |
| NBP2-68884PEP | 5-HT3A 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.

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/NBP2-61786](http://www.novusbio.com/reviews/submit/NBP2-61786)

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

