

# Product Datasheet

## **Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free** **NBP2-70709**

Unit Size: 100 ug

Store at -20C. 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/NBP2-70709](http://www.novusbio.com/NBP2-70709)

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/NBP2-70709](http://www.novusbio.com/reviews/destination/NBP2-70709)



**NBP2-70709**

Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free

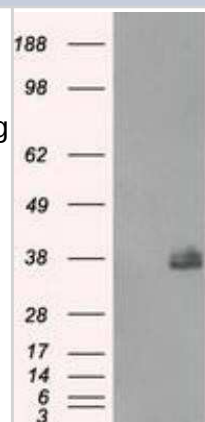
| Product Information         |                                                                                                                                                                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                                                                           |
| Concentration               | LYOPH mg/ml                                                                                                                                                                                                                      |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                                                                       |
| Clone                       | OTI9G5                                                                                                                                                                                                                           |
| Preservative                | No Preservative                                                                                                                                                                                                                  |
| Reconstitution Instructions | we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. |
| Isotype                     | IgG1                                                                                                                                                                                                                             |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                      |
| Buffer                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose                                                                                                                                                                                  |
| Target Molecular Weight     | 34.7 kDa                                                                                                                                                                                                                         |

| Product Description |                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free (NBP1-47735) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                                                     |
| Gene ID             | 2212                                                                                                                                                                                                                                      |
| Gene Symbol         | FCGR2A                                                                                                                                                                                                                                    |
| Species             | Human                                                                                                                                                                                                                                     |
| Immunogen           | Full length human recombinant protein of human FCGR2A (NP_067674) produced in HEK293T cell.                                                                                                                                               |

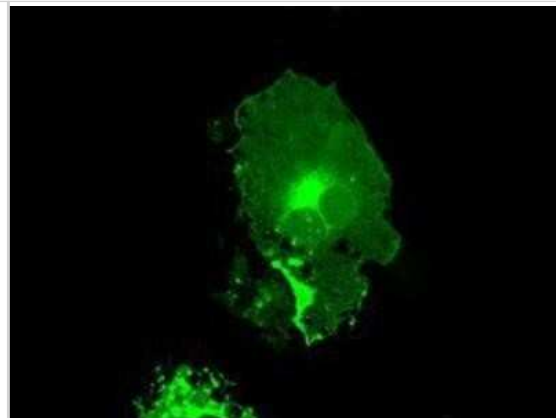
| Product Application Details |                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation                                     |
| Recommended Dilutions       | Western Blot 1:200 - 1:1000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin |

**Images**

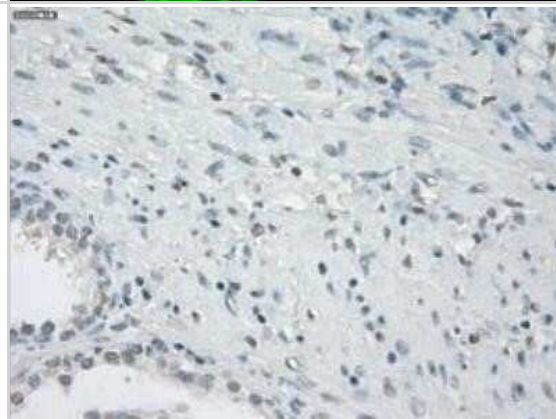
Western Blot: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FCGR2A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FCGR2A.



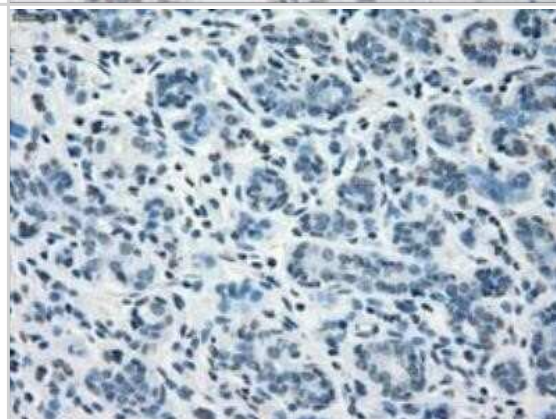
Immunocytochemistry/Immunofluorescence: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY FCGR2A.



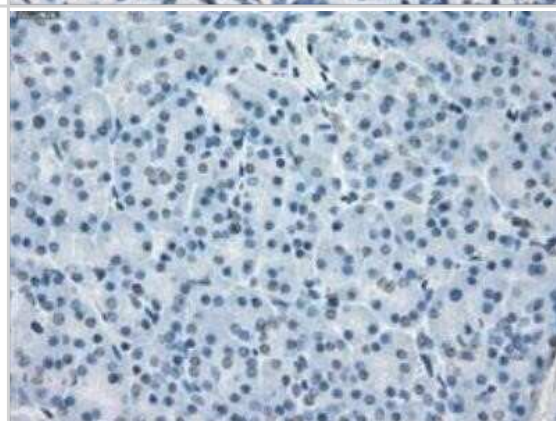
Immunohistochemistry: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Staining of paraffin-embedded Human prostate tissue using anti-FCGR2A mouse monoclonal antibody.



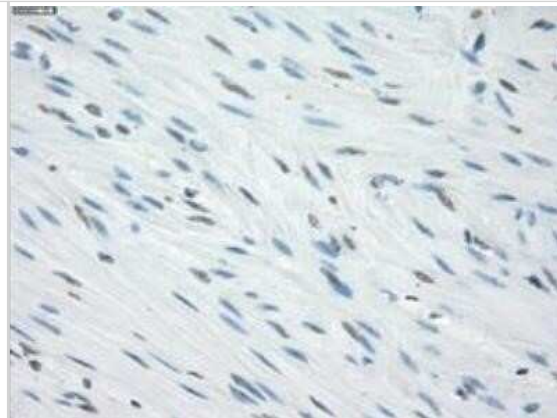
Immunohistochemistry: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-FCGR2A mouse monoclonal antibody.



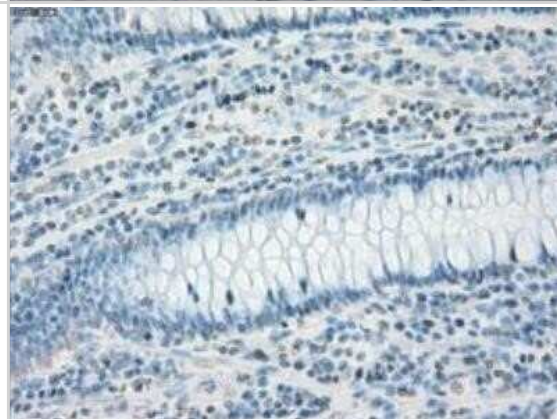
Immunohistochemistry: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Staining of paraffin-embedded Human lung tissue using anti-FCGR2A mouse monoclonal antibody.



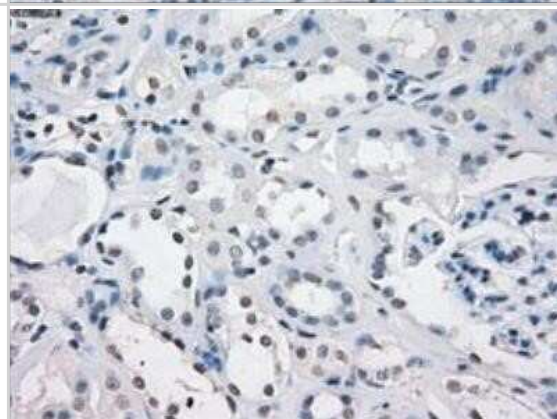
Immunohistochemistry: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Staining of paraffin-embedded Human breast tissue using anti-FCGR2A mouse monoclonal antibody.



Immunohistochemistry: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Staining of paraffin-embedded Human colon tissue using anti-FCGR2A mouse monoclonal antibody.



Immunohistochemistry: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Staining of paraffin-embedded Human endometrium tissue using anti-FCGR2A mouse monoclonal antibody.

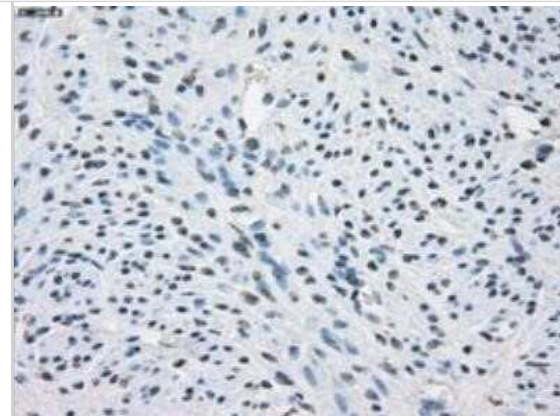


Immunohistochemistry: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Staining of paraffin-embedded Human Kidney tissue using anti-FCGR2A mouse monoclonal antibody.

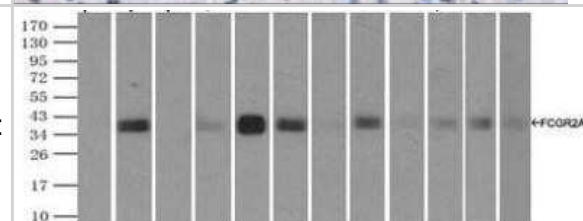




Immunohistochemistry: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Staining of paraffin-embedded Human pancreas tissue using anti-FCGR2A mouse monoclonal antibody.



Immunoprecipitation: Fc gamma RIIA/CD32a Antibody (OTI9G5) - Azide and BSA Free [NBP2-70709] - Lane 1: Negative Control Lane 2: NBP1-47738 Lane 3: NBP1-47739 Lane 4: NBP1-47740 Lane 5: NBP1-47741 Lane 6: NBP1-47742 Lane 7: NBP1-47734 Lane 8: NBP1-47735 Lane 9: NBP1-47736 Lane 10: NBP1-47737 Lane 11: NBP1-47743 Lane 12: NBP1-47744





### **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 NBP2-70709**

---

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NBP1-84589PEP    | Fc gamma RIIA/CD32a 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/NBP2-70709](http://www.novusbio.com/reviews/submit/NBP2-70709)

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

