

# Product Datasheet

## TLR3 Antibody (27N3D4) - Azide Free NBP2-27405

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/NBP2-27405](http://www.novusbio.com/NBP2-27405)

Updated 10/23/2024 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/NBP2-27405](http://www.novusbio.com/reviews/destination/NBP2-27405)



**NBP2-27405**

TLR3 Antibody (27N3D4) - Azide Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<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>	27N3D4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	0.2 ml PBS

**Product Description**

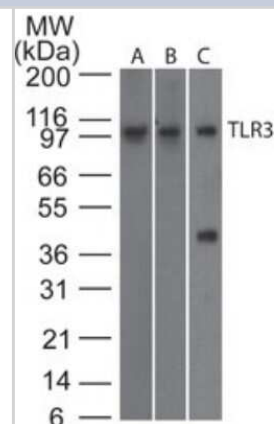
<b>Host</b>	Rat
<b>Gene ID</b>	7098
<b>Gene Symbol</b>	TLR3
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	A portion of amino acids 350-375 of mouse TLR3 was used as the immunogen for this antibody.

**Product Application Details**

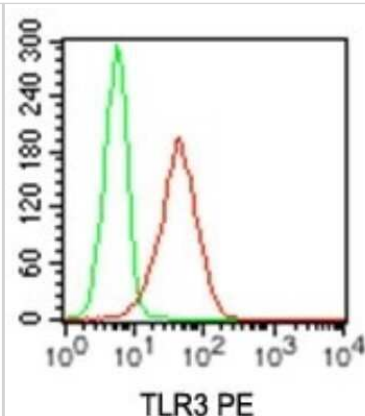
<b>Applications</b>	Western Blot, Flow Cytometry, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 2-4ug/ml~, Flow Cytometry 1ul/1 million cells, CyTOF-ready

**Images**

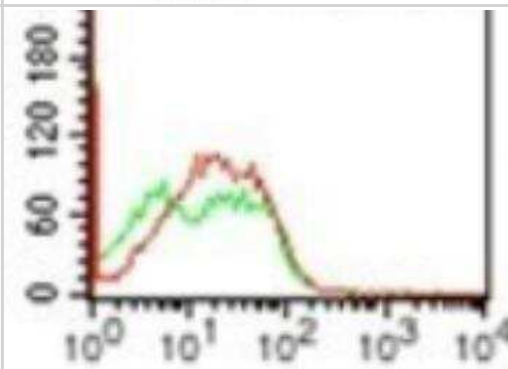
Western Blot: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - Analysis of TLR3 using TLR3 monoclonal antibody. Human intestine (A), human spleen (B), and mouse RAW lysate (C) probed with TLR3 antibody at 2 ug/ml. Goat anti-rat Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



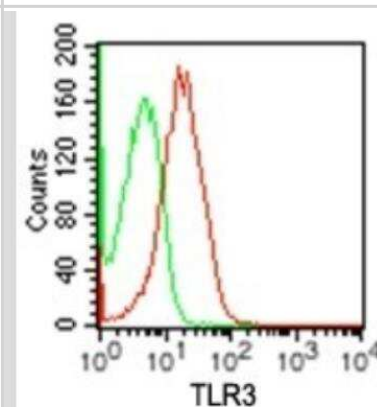
Flow Cytometry: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - Analysis of TLR3 using TLR3 monoclonal antibody. Mouse RAW cells were probed with TLR3 antibody (red) and isotype control antibody (green) at 0.1  $\mu\text{g}/10^6$  cells.



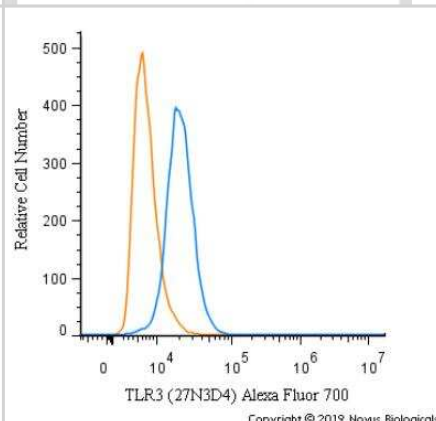
Flow Cytometry: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - Analysis of TLR3 using TLR3 monoclonal antibody. Mouse splenocytes were probed with TLR3 antibody (red) and isotype control antibody (green) at 1  $\mu\text{g}/10^6$  cells.



Flow Cytometry: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - Analysis of TLR3 using TLR3 monoclonal antibody. Mouse RAW cells were probed with TLR3 antibody (red) and isotype control antibody (green) at 1  $\mu\text{g}/10^6$  cells.

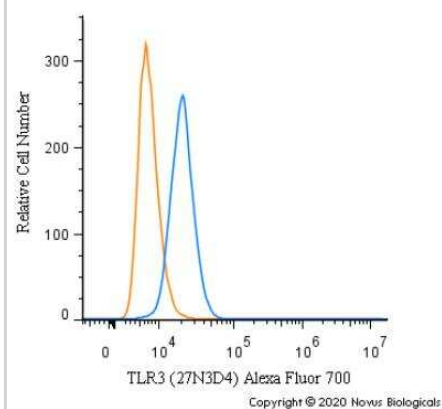


Flow Cytometry: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - An intracellular stain was performed on THP-1 cells with TLR3 Antibody [27N3D4] NBP2-27405AF700 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5  $\mu\text{g}/\text{mL}$  for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 700.



Copyright © 2019 Novus Biologicals

Flow Cytometry: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - An intracellular stain was performed on Raw264.7 cells with TLR3 [27N3D4] Antibody NBP2-27405AF700 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 700.





### **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 NBP2-27405**

---

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP1-43323-0.5mg	Rat IgG2b Kappa Light Chain Isotype Control (149/10H5)
NBP2-27405AF700	TLR3 Antibody (27N3D4) [Alexa Fluor® 700]

---

### **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/NBP2-27405](http://www.novusbio.com/reviews/submit/NBP2-27405)

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

