

# Product Datasheet

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

Unit Size: 0.1 mg

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

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**NBP2-27405**

TLR3 Antibody (27N3D4) - Azide and BSA 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>        | PBS                                                                                         |

**Product Description**

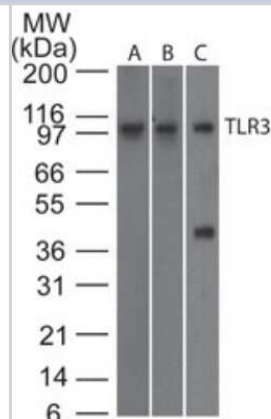
|                    |                                                                                                                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rat TLR3 Antibody (27N3D4) - Azide and BSA Free (NBP2-27404) is a monoclonal antibody validated for use in WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <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**

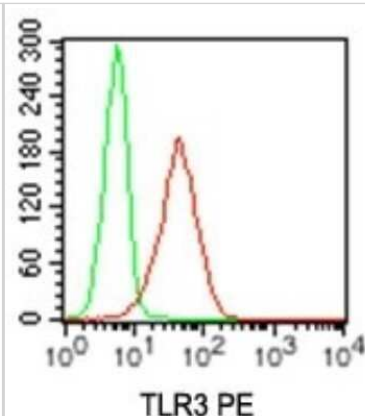
|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Flow Cytometry, CyTOF-ready            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

**Images**

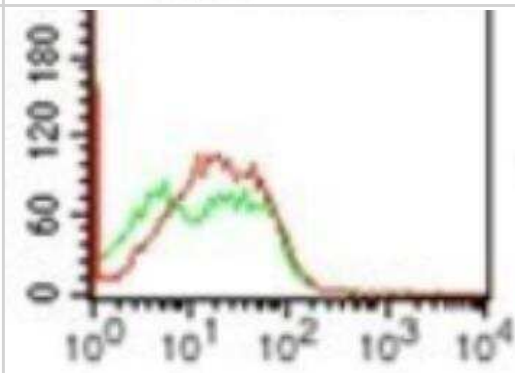
Western Blot: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - Analysis of TLR3 using TLR3 monoclonal antibody. Human intestine (A), human spleen (B), and mouse RAW lysate (C) probed with TLR3 antibody at 2 ug/ml. Goat anti-rat Ig HRP secondary antibody and PicoTect ECL substrate solution were used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



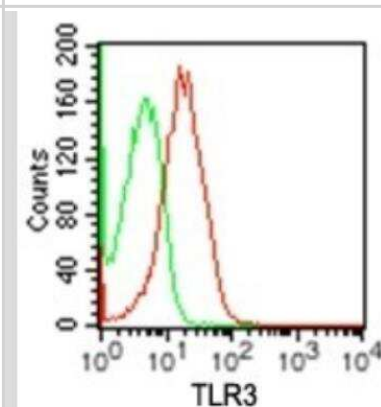
Flow Cytometry: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - Analysis of TLR3 using TLR3 monoclonal antibody. Mouse RAW cells were probed with TLR3 antibody (red) and isotype control antibody (green) at 0.1  $\mu\text{g}/10^6$  cells.



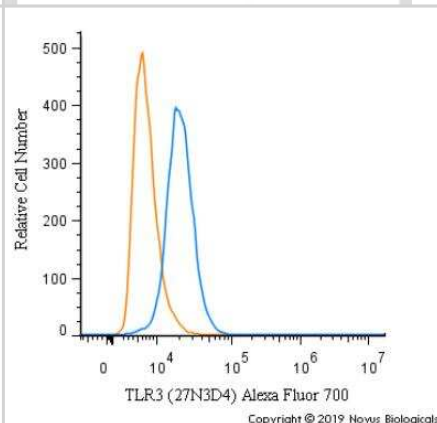
Flow Cytometry: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - Analysis of TLR3 using TLR3 monoclonal antibody. Mouse splenocytes were probed with TLR3 antibody (red) and isotype control antibody (green) at 1  $\mu\text{g}/10^6$  cells.



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.

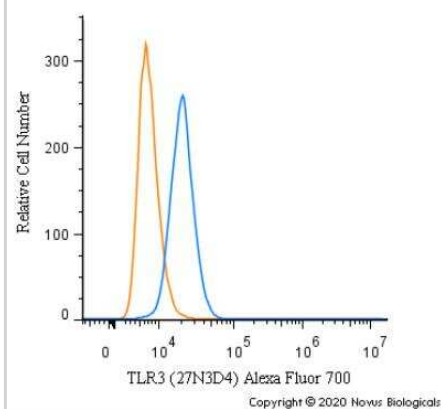


Flow Cytometry: TLR3 Antibody (27N3D4) - Azide Free [NBP2-27405] - An intracellular stain was performed on THP-1 cells with TLR3 Antibody [27N3D4] NBP2-27405AF700 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated 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.



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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.





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### **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.

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