

# Product Datasheet

## TLR3 Antibody (27N3D4) - BSA Free NBP2-27404

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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**NBP2-27404****TLR3 Antibody (27N3D4) - BSA Free**

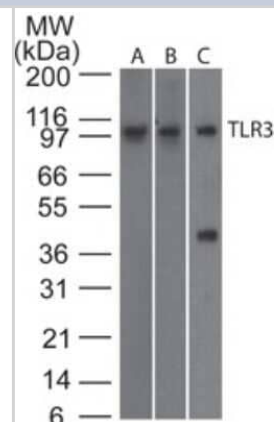
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	27N3D4
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rat TLR3 Antibody (27N3D4) - BSA Free (NBP2-27404) is a monoclonal antibody validated for use in WB and Flow. Anti-TLR3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	7098
Gene Symbol	TLR3
Species	Human, Mouse
Immunogen	A portion of amino acids 350-375 of mouse TLR3 was used as the immunogen for this antibody.

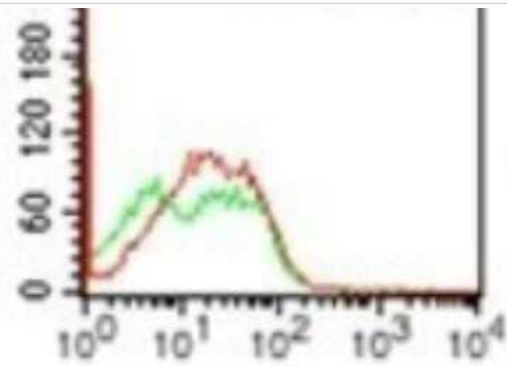
Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 2-4ug/ml, Flow Cytometry
Application Notes	The approximately 105 kD band corresponding to TLR3 is blocked by the immunizing peptide.

**Images**

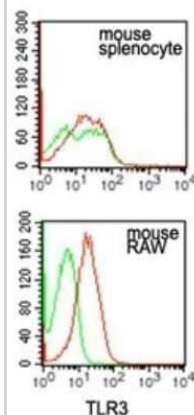
Western Blot: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis of TLR3 using TLR3 monoclonal antibody. Human intestine (A), human spleen (B), and mouse RAW lysate (C) probed with TLR3 antibody at 2 ug/ml. I goat anti-rat Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



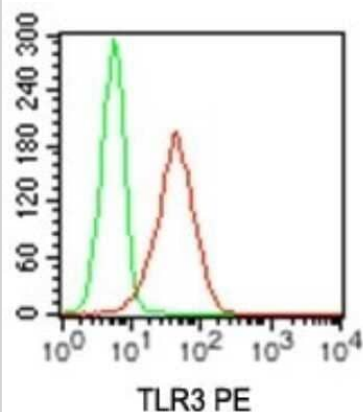
Flow Cytometry: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis of TLR3 using TLR3 monoclonal antibody. Mouse splenocytes were probed with TLR3 antibody (red) and isotype control antibody (green) at  $1 \text{ ug}/10^6$  cells.



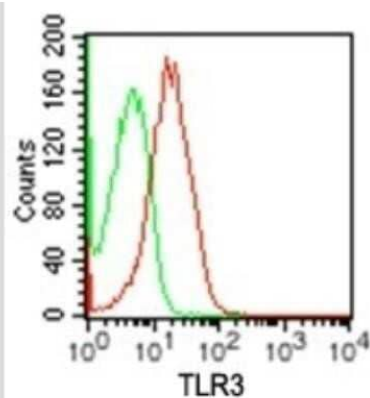
Flow Cytometry: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis using Azide Free version of NBP2-27404. TLR3 using TLR3 monoclonal antibody. Mouse RAW cells and splenocytes were probed with TLR3 antibody (red) and isotype control antibody (green) at  $1 \text{ ug}/10^6$  cells.



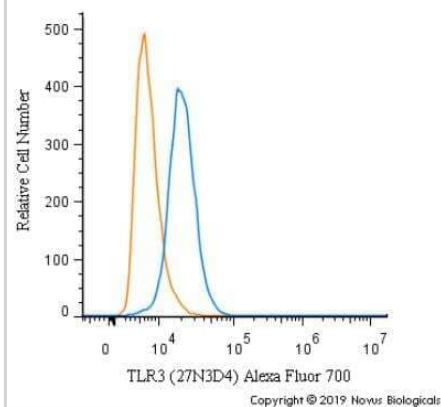
Flow Cytometry: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis using Azide Free version of NBP2-27404. TLR3 using TLR3 monoclonal antibody. Mouse RAW cells were probed with TLR3 antibody (red) and isotype control antibody (green) at  $0.1 \text{ ug}/10^6$  cells.



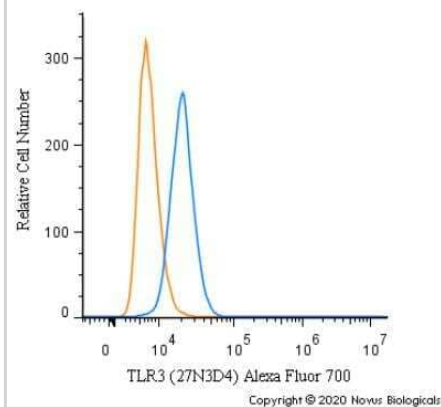
Flow Cytometry: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis of TLR3 using TLR3 monoclonal antibody. Mouse RAW cells were probed with TLR3 antibody (red) and isotype control antibody (green) at  $1 \text{ ug}/10^6$  cells.



Flow Cytometry: TLR3 Antibody (27N3D4) - BSA Free [NBP2-27404] - 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 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 700.



Flow Cytometry: TLR3 Antibody (27N3D4) - BSA Free [NBP2-27404] - 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.



## Publications

Ganesan P, Chandwani MN, Creisher PS et al. The neonatal anti-viral response fails to control measles virus spread in neurons despite interferon-gamma expression and a Th1-like cytokine profile. *Journal of Neuroimmunology* 2017-12-28 [PMID: 29366594] (Human)



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### **Products Related to NBP2-27404**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43323-0.5mg	Rat IgG2b Kappa Light Chain Isotype Control (149/10H5)

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### **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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