

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

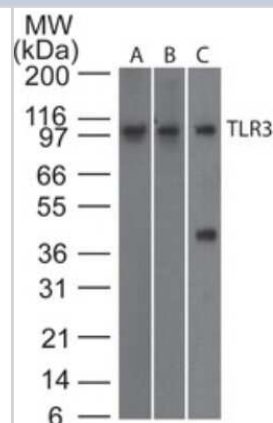
| | |
|--------------------|---|
| Host | Rat |
| Gene ID | 7098 |
| Gene Symbol | TLR3 |
| Species | Human, Mouse |
| Immunogen | A portion of amino acids 350-375 of mouse TLR3 was used as the immunogen for this antibody. |

Product Application Details

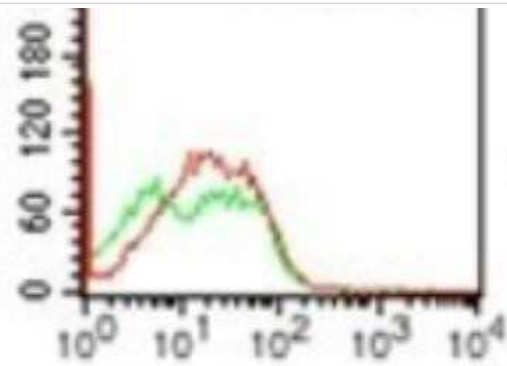
| | |
|------------------------------|---|
| Applications | Western Blot, Flow Cytometry |
| Recommended Dilutions | Western Blot 2-4ug/ml, Flow Cytometry |
| Application Notes | The approximately 105 kD band corresponding to TLR3 is blocked by the immunizing peptide. |

Images

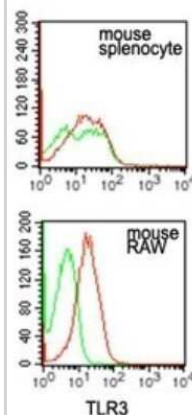
Western Blot: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis of TLR3 using TLR3 monoclonal antibody. Human intestine (A), human spleen (B), and mouse RAW lysate (C) probed with TLR3 antibody at 2 ug/ml. I goat anti-rat Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



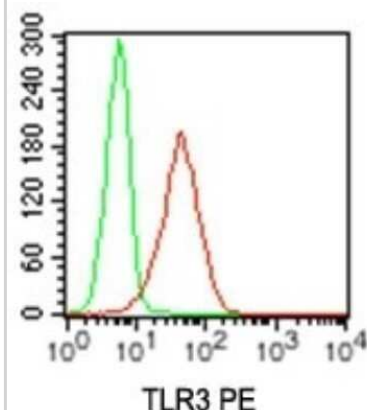
Flow Cytometry: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis of TLR3 using TLR3 monoclonal antibody. Mouse splenocytes were probed with TLR3 antibody (red) and isotype control antibody (green) at 1 $\mu\text{g}/10^6$ cells.



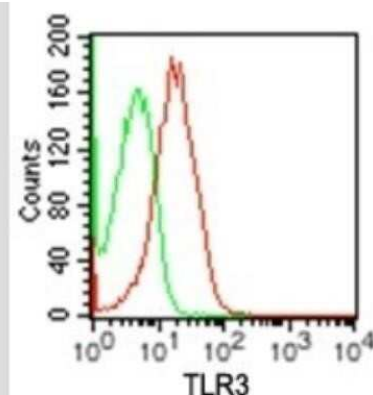
Flow Cytometry: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis using Azide Free version of NBP2-27404. TLR3 using TLR3 monoclonal antibody. Mouse RAW cells and splenocytes were probed with TLR3 antibody (red) and isotype control antibody (green) at 1 $\mu\text{g}/10^6$ cells.



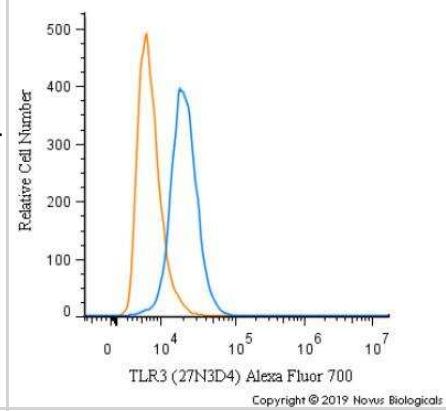
Flow Cytometry: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis using Azide Free version of NBP2-27404. TLR3 using TLR3 monoclonal antibody. Mouse RAW cells were probed with TLR3 antibody (red) and isotype control antibody (green) at 0.1 $\mu\text{g}/10^6$ cells.



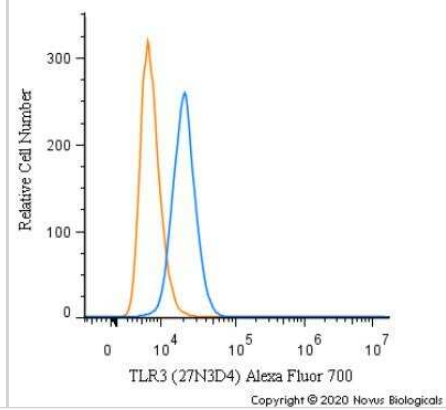
Flow Cytometry: TLR3 Antibody (27N3D4) [NBP2-27404] - Analysis of TLR3 using TLR3 monoclonal antibody. Mouse RAW cells were probed with TLR3 antibody (red) and isotype control antibody (green) at 1 $\mu\text{g}/10^6$ cells.



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

| | |
|------------------|---|
| HAF005 | Goat anti-Rat IgG Secondary Antibody [HRP] |
| NBP1-75398 | Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed) |
| NBP1-43323-0.5mg | Rat IgG2b Kappa Light Chain Isotype Control (149/10H5) |
| NBP2-27405APC | TLR3 Antibody (27N3D4) [Allophycocyanin] |

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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