

Product Datasheet

ROR gamma/RORC/NR1F3 Antibody (4G419) - BSA Free NBP2-24449

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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Publications: 5

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NBP2-24449

ROR gamma/RORC/NR1F3 Antibody (4G419) - BSA Free

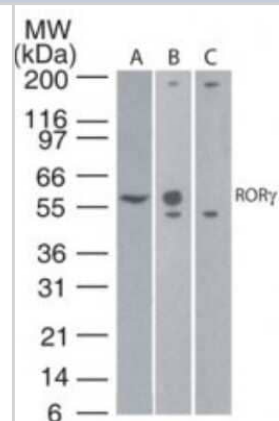
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G419
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse ROR gamma/RORC/NR1F3 Antibody (4G419) - BSA Free (NBP2-24449) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-ROR gamma/RORC/NR1F3 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6097
Gene Symbol	RORC
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 22110656).
Immunogen	A portion of amino acids 1-50 of human ROR gamma was used as the immunogen.

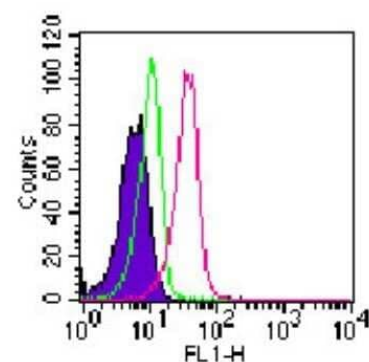
Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 5 ug/ml, Flow Cytometry 0.25-0.5 ug/10 ⁶ cells

Images

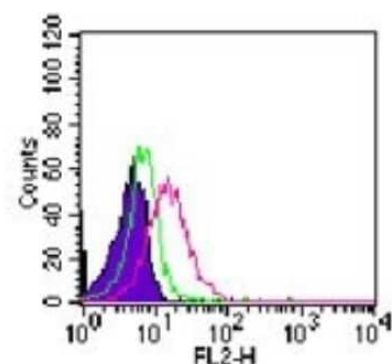
Western Blot: ROR gamma/RORC/NR1F3 Antibody (4G419) [NBP2-24449] - Analysis in (A) human thymus lysate, (B) transfected 293 cell lysate, and (C) untransfected 293 cell lysate. Dilution: 5 ug/ml.



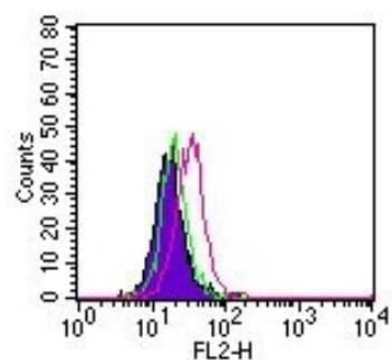
Flow Cytometry: ROR gamma/RORC/NR1F3 Antibody (4G419) [NBP2-24449] - Analysis using the FITC conjugate of NBP2-24449. Staining of ROR gamma in human lymphocytes using 10 ul (0.25 ug) of ROR gamma antibody. Shaded histogram represents cells without antibody; green represents isotype control antibody; red represents ROR gamma



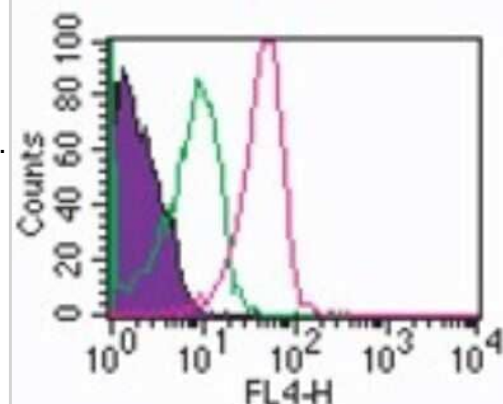
Flow Cytometry: ROR gamma/RORC/NR1F3 Antibody (4G419) [NBP2-24449] - Intracellular analysis of ROR gamma in human lymphocytes using 0.25 ug of this antibody. Shaded histogram represents cells without antibody; green represents isotype control antibody ; red represents ROR gamma antibody.



Flow Cytometry: ROR gamma/RORC/NR1F3 Antibody (4G419) [NBP2-24449] - Intracellular flow cytometric analysis of ROR gamma in human monocytes using 0.25 ug of ROR gamma antibody. Shaded histogram represents cells without antibody; green represents isotype control antibody (Novus, 20109); red represents ROR gamma antibody.



Flow Cytometry: ROR gamma/RORC/NR1F3 Antibody (4G419) [NBP2-24449] - Analysis using the Allophycocyanin conjugate of NBP2-24449. Staining of ROR gamma in human lymphocytes using 10 ul (0.25 ug) of ROR gamma antibody. Shaded histogram represents cells without antibody; green represents isotype control antibody was used for this test.



Publications

Jang, S;Kim, JY;Kim, CW;Kim, I; Hypertonic Salt Solution Enhances Inflammatory Responses in Cultured Splenic T-Cells from Dahl Salt-Sensitive Rats but Not Dahl Salt-Resistant Rats *Journal of cardiovascular development and disease* 2023-10-02 [PMID: 37887861]

Wang T, Qiao H, Zhai Z et al. Plumbagin Ameliorates Collagen-Induced Arthritis by Regulating Treg/Th17 Cell Imbalances and Suppressing Osteoclastogenesis *Front Immunol* Jan 8 2018 12:00AM [PMID: 30671063] (IHC, Rat)

Cortes-Perez NG, Lozano-Ojalvo D, Maiga MA et al. Intragastric administration of *Lactobacillus casei* BL23 induces regulatory FoxP3+RORyt+ T cells subset in mice *Benef Microbes* 2017-05-30 [PMID: 28504580] (FLOW, Mouse)

Details:

This reference used the FITC version of NBP2-24449.

Almolda B, Costa M, Montoya M, Gonzalez B, Castellano B Increase in Th17 and T-reg lymphocytes and decrease of IL22 correlate with the recovery phase of acute EAE in rat. *PLoS One*. 2011-01-01 [PMID: 22110656] (FLOW, Rat)

Lenoir M, Del Carmen S, Cortes-Perez NG et al. *Lactobacillus casei* BL23 regulates Treg and Th17 T-cell populations and reduces DMH-associated colorectal cancer. *J. Gastroenterol.* 2016-01-09 [PMID: 26749362] (FLOW, Mouse)





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Products Related to NBP2-24449

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-24447	ROR gamma/RORC/NR1F3 Antibody (4G419) [FITC]

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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