

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

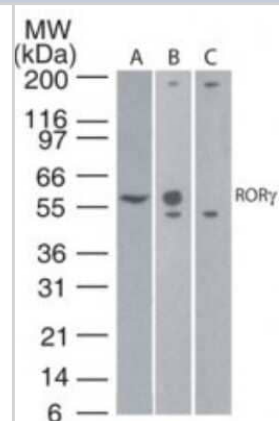
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G419
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS

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.

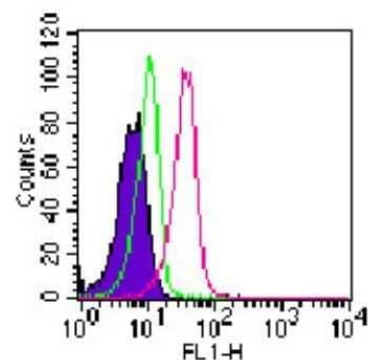
Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 5 ug/ml, Flow Cytometry 0.25-0.5 ug/10 ⁶ cells

Images

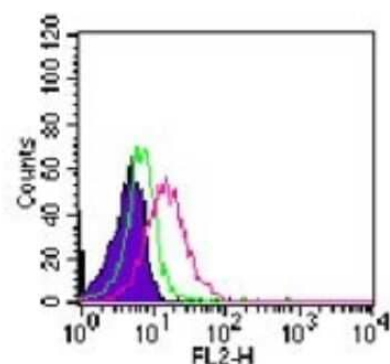
Western Blot: ROR gamma/RORC/NR1F3 Antibody (4G419) [NBP2-24449] - Analysis in (A) human thymus lysate, (B) transfected 293 cell lysate, and (C) untransfected 293 cell lysate. Dilution: 5 ug/ml.



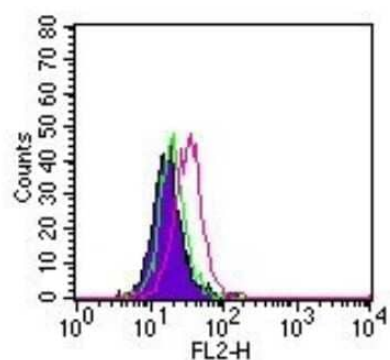
Flow Cytometry: ROR gamma/RORC/NR1F3 Antibody (4G419) [NBP2-24449] - Analysis using the FITC conjugate of NBP2-24449. Staining of ROR gamma in human lymphocytes using 10 ul (0.25 ug) of ROR gamma antibody. Shaded histogram represents cells without antibody; green represents isotype control antibody;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



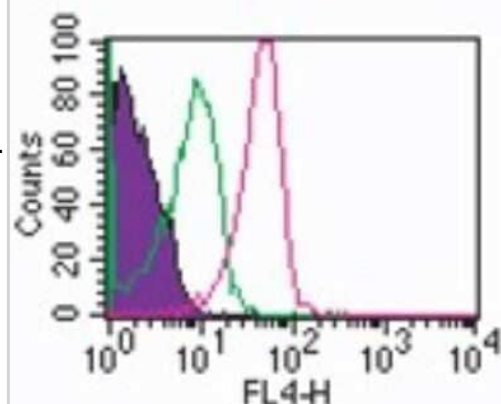
Flow Cytometry: ROR gamma/RORC/NR1F3 Antibody (4G419) [NBP2-24449] - Intracellular analysis of ROR gamma in human lymphocytes using 0.25 ug of this antibody. Shaded histogram represents cells without antibody; green represents isotype control antibody ; red represents ROR gamma antibody.



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. Intra-gastric 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)





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
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-24449

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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