Glucocorticoid receptor (NR3C1) Monoclonal Antibody (BuGR2), APC, eBioscience™

Product Details	
Size	25 µg
Species Reactivity	Mouse
Host/Isotype	Mouse / IgG2a, kappa
Recommended Isotype Control	Mouse IgG2a kappa Isotype Control (eBM2a), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	BuGR2
Conjugate	APC
Excitation/Emission Max	651/660 nm
Immunogen	Partially purified rat GR
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2811763

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	-

Product Specific Information

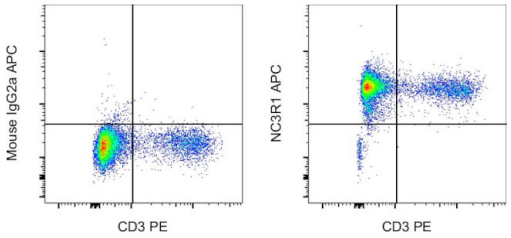
Description: This BuGR2 monoclonal antibody reacts with mouse glucocorticoid receptor NR3CR1. This clone has been also reported to cross-react with human NR3CR1. This BuGR2 antibody is recommended to be used with the Foxp3/Transcription factor staining buffer set (Product # 00-5523-00).

Applications Reported: This BuGR2 antibody has been reported for use in flow cytometric analysis. This clone has been also reported to cross-react with Human, Non-human primate, Rabbit, Rat, Sheep, Xenopus, Yeast NR3CR1.

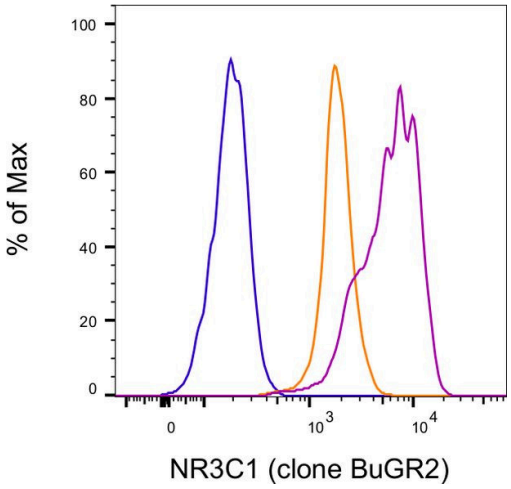
Applications Tested: This BuGR2 antibody has been tested by flow cytometric analysis of stimulated mouse splenocytes using the Foxp3/Transcription Factor Staining Buffer Set (Product # 00-5523-00) and protocol. Please refer to "Staining Intracellular Antigens for Flow Cytometry, Protocol B: One step protocol for intracellular (nuclear) proteins" located at www.thermofisher.com/flowprotocols. This may be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 633-647 nm; Emission: 660 nm; Laser: Red Laser

Product Images For Glucocorticoid receptor (NR3C1) Monoclonal Antibody (BuGR2), APC, eBioscience™



Glucocorticoid receptor (NR3C1) Antibody (17-6189-80) in Flow
Mouse splenocytes were stained with CD3 Monoclonal Antibody, PE (Product # 12-0031-82), fixed and permeabilized with the Foxp3/Transcription factor staining buffer set (Product # 00-5523-00) and stained with 0.25 µg mouse IgG2a, kappa Isotype Control, APC (Product # 17-4724-81) (left) or BuGR2 Monoclonal Antibody, APC (right). Viable cells in the lymphocytes gate were identified with eBioscience™ Fixable Viability Dye eFluor™ 450 (Product # 65-0863-18) and used for analysis.



Glucocorticoid receptor (NR3C1) Antibody (17-6189-80)
Staining of mouse splenocytes. As expected based on published data, stimulated CD3 positive cells (purple histogram) upregulate NR3C1 upon stimulation as compared to baseline NR3C1 expression in unstimulated CD3 positive cells (orange histogram). The blue histogram represents the isotype control. Details: Normal mouse splenocytes were stimulated with eBioscience™ Cell Stimulation Cocktail (Product # 00-4970-93) overnight. After stimulation, cells were surface stained with CD3 (clone 145-2C11), followed by fixation and permeabilization with the eBioscience Foxp3/Transcription Factor Fixation/Permeabilization buffer set and stained with BuGR2. Viable CD3 expressing cells in the lymphocytes gate were identified with eBioscience Fixable Viability Dye eFluor™ 450 (Product # 65-0863-18) and used for analysis. {RE}

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