

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

Product Details	
Size	100 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_2811764

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

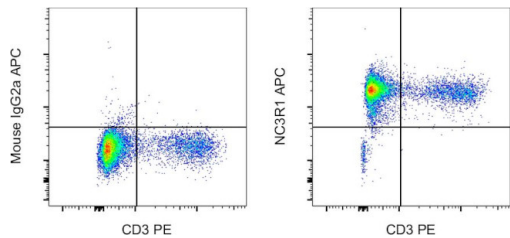
## Product Specific Information

**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).

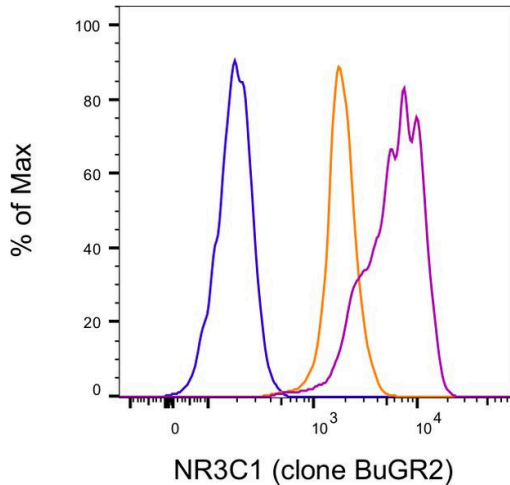
**Applications Reported:** This BuGR2 antibody has been reported for use in flow cytometric analysis. This clone has been also reported to cross-react with Human, Non-human primate, Rabbit, Rat, Sheep, Xenopus, Yeast NR3CR1.

**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](http://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<sup>5</sup> to 10<sup>8</sup> 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



**Glucocorticoid receptor (NR3C1) Antibody (17-6189-82) in Flow**  
Mouse splenocytes were stained with CD3 Monoclonal Antibody, PE (Product # 12-0031-82), fixed and permeabilized with the Fcγ3/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 (17-6189-82)**  
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 Fcγ3/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}

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.