PRODUCT INFORMATION

Clone ID	3B12
Target	GRPR
Synonyms	BB2;BB2R;BRS2
Host Species	Rabbit
Description	Anti-GRPR antibody(3B12), Rabbit mAb
Delivery	In Stock
Uniprot ID	P30550
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1/100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Background	Gastrin-releasing peptide (GRP) regulates numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation and is a potent mitogen for neoplastic tissues. The effects of GRP are mediated through the gastrin-releasing peptide receptor. This receptor is a glycosylated, 7-transmembrane G-protein coupled receptor that activates the phospholipase C signaling pathway. The receptor is aberrantly expressed in numerous cancers such as those of the lung, colon, and prostate. An individual with autism and multiple exostoses was found to have a balanced translocation between chromosome 8 and a chromosome X breakpoint located within the gastrin-releasing peptide receptor gene. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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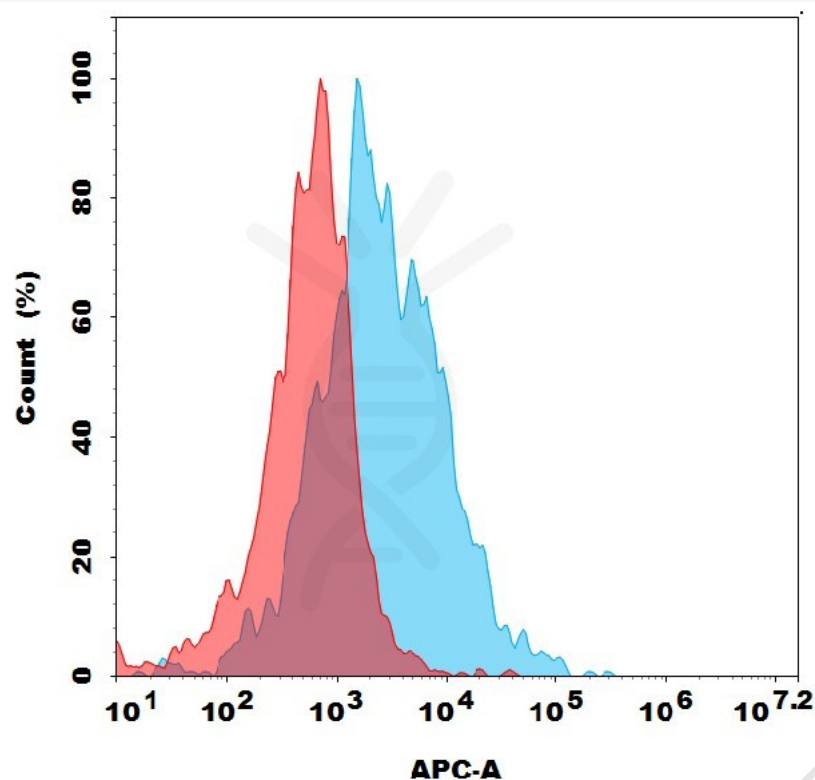Email: info@dimabio.com
Website: www.dimabio.com

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Figure 1. Flow cytometry analysis with 2μg/mL Anti-GRPR (3B12) mAb on HEK293 cells transfected with human GRPR (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).