

## 12-90492: Anti-GRPR antibody(3B12), Rabbit mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3B12
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	Unconjugated
<b>Gene :</b>	GRPR
<b>Uniprot ID :</b>	P30550
<b>Alternative Name :</b>	BB2;BB2R;BRS2
<b>Isotype :</b>	Rabbit IgG

### Description

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]

### Product Info

<b>Amount :</b>	100 µg / 10 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
<b>Storage condition :</b>	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).

### Application Note

Flow Cyt 1/100

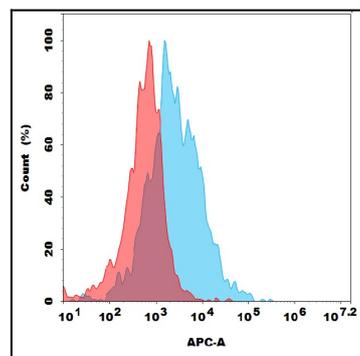


Figure 1. Flow cytometry analysis with 2µg/mL Anti-GRPR (3B12) mAb on HEK293 cells transfected with human GRPR (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).