



Mouse Anti-Human GRP monoclonal antibody, clone 4B22 (CABT-L1139)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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|---------------------------|---|
| Product Overview | Mouse monoclonal antibody raised against a full-length recombinant GRP. |
| Target | GRP |
| Immunogen | GRP (AAH04488, 1 a.a. ~ 148 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. Immunogen sequence: MRGRELPLVLLALVLCAPRGRAVPLPAGGGTVLTKMYPRGNHWAVGHLMGKKSTGESS VSEKSLKQQLREYIRWEEAARNLLGLIEAKENRNHQPQPKALGNQQPSWDESSNFK DVGSKGKVGRLSAPGSQREGRNPQLNQQ |
| Isotype | IgG2b, κ |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Clone | 4B22 |
| Conjugate | Unconjugated |
| Applications | WB, ELISA |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 100 µg |
| Buffer | In 1x PBS, pH 7.4 |
| Preservative | None |

Storage

Store at 4°C. DO NOT FREEZE. Stable for one year from the date of shipment.

BACKGROUND

Introduction

This gene encodes a member of the bombesin-like family of gastrin-releasing peptides. Its preproprotein, following cleavage of a signal peptide, is further processed to produce either the 27 aa gastrin-releasing peptide or the 10 aa neuromedin C. These smaller peptides regulate numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation. These peptides are also likely to play a role in human cancers of the lung, colon, stomach, pancreas, breast, and prostate. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Keywords

GRP; gastrin releasing peptide; Progastrin; BN; GRP-10; proGRP; preproGRP

GENE INFORMATION

Official Symbol

GRP

Entrez Gene ID

[2922](#)

UniProt ID

[P07492](#)
