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GC-C (17B1) Rabbit Monoclonal Antibody

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Catalog # AP93824

Specification

GC-C (17B1) Rabbit Monoclonal Antibody - Product Information

Application	**WB, IHC**
Primary Accession	Q3UWA6
Reactivity	**Rat, Mouse**
Clonality	**Monoclonal**
Calculated MW	**123232**

GC-C (17B1) Rabbit Monoclonal Antibody - Additional Information

Gene ID 14917

Other Names
Guanylyl cyclase C, GC-C, 4.6.1.2, Heat-stable enterotoxin receptor, STA receptor, Intestinal guanylate cyclase, Gucy2c, Guc2c

Storage Conditions
-20℃

GC-C (17B1) Rabbit Monoclonal Antibody - Protein Information

Name Gucy2c

Synonyms Guc2c

Function
Guanylyl cyclase that catalyzes synthesis of cyclic GMP (cGMP) from GTP.

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:P25092}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P25092} Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P25092}; Single- pass type I membrane protein {ECO:0000250|UniProtKB:P25092}. Note=The 145 kDa plasma membrane form of GUCY2C contains sialic acid and galactose residues, while a differencially glycosylated 130 Kda form is a high mannose form that is resident in the endoplasmic reticulum and may serve as the precursor for the cell surface form {ECO:0000250|UniProtKB:P25092}

GC-C (17B1) Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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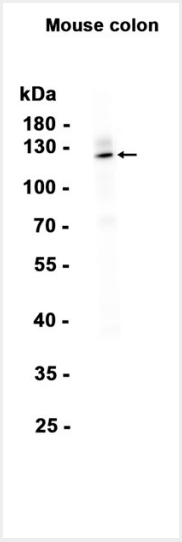
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GC-C (17B1) Rabbit Monoclonal Antibody - Images



Western blot analysis of extracts from Mouse colon tissue using AP93824 at 1:1000.

GC-C (17B1) Rabbit Monoclonal Antibody - Background

Receptor for the E.coli heat-stable enterotoxin (E.coli enterotoxin markedly stimulates the accumulation of cGMP in mammalian cells expressing GC-C). Also activated by the endogenous peptide guanylin (By similarity).