

## ARG10785 anti-Guanylate Cyclase C antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Guanylate Cyclase C
Tested Reactivity	Hu, Ms, Rat
Tested Application	Confocal, Dot, ELISA, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Guanylate Cyclase C
Species	Rat
Immunogen	Synthetic peptide around the C-terminus from Rat Guanylyl cyclase C.
Conjugation	Un-conjugated
Alternate Names	MECIL; STAR; STA receptor; MUCIL; hSTAR; Heat-stable enterotoxin receptor; Intestinal guanylate cyclase; Guanylyl cyclase C; GUC2C; EC 4.6.1.2; DIAR6; GC-C

### Application Instructions

Application table	Application	Dilution
	Confocal	1:200
	Dot	1:10000
	ELISA	1:10000
	ICC/IF	1:200
	IHC-P	1:200
	WB	1:500
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

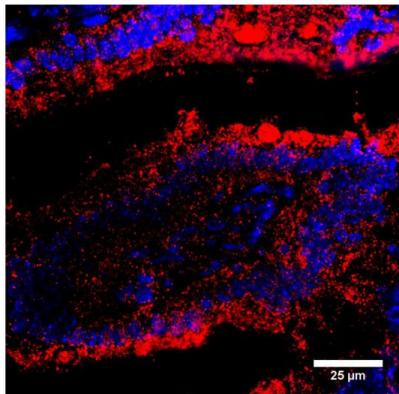
Form	Liquid
Purification	Affinity purified.
Buffer	Tris-Glycine Buffer (pH 7.4 - 7.8), Hepes, 0.02% Sodium azide, 30% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	30% Glycerol and 0.5% BSA
Concentration	0.65 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

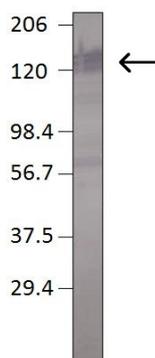
Database links	<a href="#">GeneID: 14917 Mouse</a> <a href="#">GeneID: 2984 Human</a> <a href="#">Swiss-port # P25092 Human</a> <a href="#">Swiss-port # Q3UWA6 Mouse</a>
Gene Symbol	Gucy2c
Gene Full Name	guanylate cyclase 2C
Function	Receptor for the E.coli heat-stable enterotoxin (E.coli enterotoxin markedly stimulates the accumulation of cGMP in mammalian cells expressing GC-C). Also activated by the endogenous peptides guanylin and uroguanylin. [UniProt]
Calculated Mw	123 kDa
PTM	Glycosylation at Asn-75 and/or Asn-79 is required for interaction with VIP36 while glycosylation at Asn-345 and Asn-402 modulates ligand-mediated GC-C activation.

## Images



ARG10785 anti-Guanylate Cyclase C antibody IHC image

Immunohistochemistry: Thin section of Mouse small intestine stained with ARG10785 anti-Guanylate Cyclase C antibody (red). Blue: Nuclei.



ARG10785 anti-Guanylate Cyclase C antibody WB image

Western blot: Recombinant Guanylyl cyclase C protein stained with ARG10785 anti-Guanylate Cyclase C antibody at 1:500 dilution.