

GUCY1B2 Conjugated Antibody

Catalog No: #C47785



Package Size: #C47785-AF350 100ul #C47785-AF405 100ul #C47785-AF488 100ul
 #C47785-AF555 100ul #C47785-AF594 100ul #C47785-AF647 100ul
 #C47785-AF680 100ul #C47785-AF750 100ul #C47785-Biotin 100ul

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 Support: tech@signalwayantibody.com

Description

Product Name	GUCY1B2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GUCY1B2 protein.
Immunogen Description	Synthetic peptide of human GUCY1B2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GC-SB2
Accession No.	Swiss-Prot#:O75343NCBI Protein#:Hs.411573
Uniprot	O75343
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Guanylate Cyclase is a heterodimer of an alpha and a beta chain. Its enzymatic activity transforms GTP to GMP releasing a diphosphate. It binds 1 or 2 hemes per heterodimer. It is activated by nitric oxide in the presence of magnesium or manganese ions. There are two types of guanylate cyclase: soluble form and membrane-associated receptor form.

Note: This product is for in vitro research use only