

REG3G Conjugated Antibody

Catalog No: #C38382



Package Size: #C38382-AF350 100ul #C38382-AF405 100ul #C38382-AF488 100ul
 #C38382-AF555 100ul #C38382-AF594 100ul #C38382-AF647 100ul
 #C38382-AF680 100ul #C38382-AF750 100ul #C38382-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	REG3G Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total REG3G antibody.
Immunogen Description	Recombinant protein of mouse REG3G.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AI449515
Accession No.	Swiss-Prot#:O09049NCBI Gene ID:130120
Uniprot	O09049
GeneID	19695;
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
Calculated MW	19
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

The regeneration (REG) family consists of secretory proteins involved in liver, pancreatic, gastric and intestinal cell proliferation or differentiation. Members of the REG family are divided into four subclasses, designated types I, II, III and IV, all of which share a common gene structure containing five introns and six exons. Members of the Reg family have been implicated in the regulation of cell growth, tumorigenesis and the progression of cancer. Reg III γ (regenerating islet-derived 3 gamma), also known as pancreatitis-associated protein 1B, PAP1B, or UNQ429, is a 175 amino acid secreted protein that is expressed almost exclusively in pancreas, with low levels of expression in testis. Reg III γ functions as an antimicrobial protein involved in controlling bacterial proliferation and may be induced during acute pancreatitis. The gene encoding Reg III γ maps to human chromosome 2, which houses over 1,400 genes and comprises nearly 8% of the human genome.

Note: This product is for in vitro research use only