GKN1 Conjugated Antibody

Catalog No: #C43725

Package Size: #C43725-AF350 100ul #C43725-AF405 100ul #C43725-AF488 100ul #C43725-AF555 100ul #C43725-AF594 100ul #C43725-AF647 100ul #C43725-AF680 100ul #C43725-AF750 100ul #C43725-Biotin 100ul

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Description

Product Name	GKN1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GKN1 protein.
Immunogen Description	Synthetic peptide of human GKN1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FOV;CA11;AMP18;BRICD1;foveolin
Accession No.	Swiss-Prot#:Q9NS71NCBI Gene ID:56287NCBI mRNA#:NCBI Protein#:NP_062563
Uniprot	Q9NS71
GeneID	56287;
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	22
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin 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

Gastrokine 1 (GKN1), a stomach-speci?c protein also known as 18 kDa antrum mucosa protein (AMP-18) or foveolin, belongs to the gastrokine family of gastric mucus cell-secreted proteins. The human GKN1 gene has been localized in a region of chromosome 2p13 of about 6 kb and contains 6 exons. GKN1 is expressed only in normal human stomach, but is absent from gastric adenocarcinomas, gastro-esophageal adenocarcinoma cell lines, and other normal and tumor gastro-intestinal tissues. GKN1may play an important role in normal gastric function and may be a gastric tumour suppressor.

Note: This product is for in vitro research use only