PFKFB4 Conjugated Antibody

Catalog No: #C43126

Package Size: #C43126-AF350 100ul #C43126-AF405 100ul #C43126-AF488 100ul #C43126-AF555 100ul #C43126-AF594 100ul #C43126-AF647 100ul #C43126-AF680 100ul #C43126-AF750 100ul #C43126-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PFKFB4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PFKFB4 protein.
Immunogen Description	Synthetic peptide of human PFKFB4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	6-phosphofructo-2-kinase; 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4; 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase-4; 6PF-2-K/Fru-2,6-P2ase 4
Accession No.	Swiss-Prot#:Q16877NCBI Gene ID:5210NCBI mRNA#:NP_004558NCBI Protein#:
Uniprot	Q16877
GeneID	5210;
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	54KD
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

6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4?also known as?PFKFB4?is an?enzyme?which in humans is encoded by the?PFKFB4?gene. The bifunctional 6-phosphofructo-2-kinase (EC 2.7.1.105)/fructose-2,6-bisphosphatase (EC 3.1.3.46) (PFKFB) regulates the steady-state concentration of fructose 2,6-bisphosphate, an activator of a key regulatory enzyme of glycolysis, phosphofructokinase.

Note: This product is for in vitro research use only