Phosphoglycerate kinase 1 Polyclonal Conjugated Antibody

Catalog No: #C42053

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Package Size: #C42053-AF350 100ul #C42053-AF405 100ul #C42053-AF488 100ul #C42053-AF555 100ul #C42053-AF594 100ul #C42053-AF647 100ul #C42053-AF680 100ul #C42053-AF750 100ul #C42053-Biotin 100ul

Description

Product Name	Phosphoglycerate kinase 1 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total Phosphoglycerate kinase 1 polyclonal antibody.
Immunogen Description	Recombinant human Phosphoglycerate kinase 1 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PGK1
Accession No.	Swiss-Prot#:P00558
Uniprot	P00558
GeneID	5230;
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	46
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

Also known as ATP:3-phosphoglycerate 1-phosphotransferase, this major enzyme in glycolysis catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate, generating one molecule of ATP. In addition to its role as a glycolytic enzyme, PGK-1 appears to acts as a polymerase alpha cofactor protein. Defects in PGK1 are generally associated with chronic hemolytic anemia.

Note: This product is for in vitro research use only