

PGK1 (Acetyl-Lys388) Conjugated Antibody

Catalog No: #C11599



Package Size: #C11599-AF350 100ul #C11599-AF405 100ul #C11599-AF488 100ul
 #C11599-AF555 100ul #C11599-AF594 100ul #C11599-AF647 100ul
 #C11599-AF680 100ul #C11599-AF750 100ul #C11599-Biotin 100ul

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Description

Product Name	PGK1 (Acetyl-Lys388) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of PGK1 only when acetylated at Lysine 388.
Immunogen Description	Peptide sequence around acetylation site of lysine 388(E-D-K(Acetyl)-V-S) derived from Human PGK1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MGC117307;MGC142128;MGC8947;MIG10;PGKA
Accession No.	Swiss-Prot#:P00558NCBI Gene ID:5230NCBI mRNA#:NM_000291.3 NCBI Protein#:NP_000282.1
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	45
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic acetylpeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific acetylpeptide. Non-acetyl specific antibodies were removed by chromatography using non-acetylpeptide.

Background

The PGK1 gene encodes phosphoglycerate kinase-1, also known as ATP:3-phosphoglycerate 1-phosphotransferase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. It belongs to the phosphoglycerate kinase family and defects in PGK1 are the cause of phosphoglycerate kinase 1 deficiency (PGK1D).

Note: This product is for in vitro research use only