



Magic™ Anti-CKM polyclonal antibody (DPABY-760)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Creatine kinase is an enzyme expressed by various tissues and cell types. CK catalyses the conversion of creatine and consumes adenosine triphosphate (ATP) to create phosphocreatine and adenosine diphosphate (ADP). This CK enzyme reaction is reversible, such that also ATP can be generated from PCr and ADP. CKMM is isolated from skeletal muscle.
Specificity	CKMM antibody was raised against Human CKMM Human CKMB
Immunogen	CKMM antibody was raised in goat using Human CKMM as the immunogen.
Source/Host	Goat
Species Reactivity	Human
Purification	Affinity purified using solid phase Human CKMM
Conjugate	Unconjugated
Applications	User optimized
Format	Liquid
Size	1 mg
Buffer	Clear, colorless liquid, 0.2 um filtered, containing 10 mM Sodium Phosphate, 0.15 M Sodium Chloride and 0.05% Sodium Azide. Protease/IgG free.
Preservative	0.05% Sodium Azide
Storage	Store at 2-8 °C

GENE INFORMATION

Gene Name	CKM creatine kinase, muscle [Homo sapiens]
Official Symbol	CKM
Synonyms	CKM; creatine kinase, muscle; CKMM; M-CK; creatine kinase M-type; creatine kinase M chain;
Entrez Gene ID	1158
Protein Refseq	NP_001815
UniProt ID	B2R892
Chromosome Location	19q13.32
Pathway	Arginine and proline metabolism; Creatine metabolism; Creatine pathway; Metabolism; Metabolism of amino acids and derivatives; Regulation of retinoblastoma protein; Urea cycle and metabolism of amino groups; creatine-phosphate biosynthesis;
Function	ATP binding; creatine kinase activity;