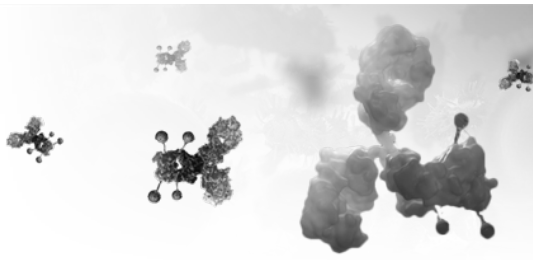

Anti-CKM monoclonal antibody, clone 1302 (1F2/1) (CABT-53801MH)

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

PRODUCT INFORMATION

Product Overview	Creatine phosphokinase, also known as creatine kinase (CK), 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). In cells, the 'cytosolic' CK enzymes consist of two subunits, which can be either B (brain type) or M (muscle type). There are three different isoenzymes: CKMM, CKBB and CKMB. recognises CKMB but does not distinguish between isoform CKMB1 and CKMB2. This antibody shows less than 0.1% reactivity with CKBB or CKMM and minimal reactivity with other human serum proteins.
Specificity	CREATINE PHOSPHOKINASE
Immunogen	Highly purified human CKMB.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	1302 (1F2/1)
Conjugate	Unconjugated
Applications	ELISA; IRMA
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.09% Sodium Azide

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Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CKM creatine kinase, muscle [Homo sapiens (human)]
Official Symbol	CKM
Synonyms	CKM; creatine kinase, muscle; CKMM; M-CK; creatine kinase M-type; creatine kinase M chain; CREATINE PHOSPHOKINASE;
Entrez Gene ID	1158
Protein Refseq	NP_001815
UniProt ID	P12277
Chromosome Location	19q13.32
Function	ATP binding; creatine kinase activity;

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