

Mouse anti-Human CKMB Monoclonal Antibody | anti-CKMB antibody

CKMB antibody (azide free)

CATALOG # AAA74726	HOST Mouse	REACTIVITY Human
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PRODUCT SYNONYMS

CKMB; Monoclonal Antibody; CKMB antibody (azide free); Monoclonal CKMB; Anti-CKMB; Creatine Kinase-MB Isoenzyme; Azide free CKMB; CK-MB; anti-CKMB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	M9910208
Specificity	Human
Purity/Purification	CKMB antibody was purified by Protein G chromatography.
Form/Format	Supplied in PBS, pH 7.3.
Sequence Length	381
Biological Significance	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). This CK enzyme reaction is reversible, such that also ATP can be generated from PCr and ADP. In the cells, the "cytosolic" CK enzymes consist of two subunits, which can be either B (brain type) or M (muscle type). There are, therefore, three different isoenzymes: CK-MM, CK-BB and CK-MB.
Immunogen	CKMB antibody was raised in mouse using purified human CK-MB as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-CKMB antibody	Mouse monoclonal CKMB antibody (azide free)
Product Categories/Family for anti-CKMB antibody	Cardiac Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978661
NCBI GeneID	24265
NCBI Accession #	NP_036662.1
NCBI GenBank Nucleotide #	NM_012530.1

UniProt Accession #	P00564; Q6P6R9
Molecular Weight	43,045 Da
NCBI Official Full Name	creatine kinase M-type
NCBI Official Synonym Full Names	creatine kinase, muscle
NCBI Official Symbol	Ckm
NCBI Official Synonym Symbols	Ckmm
NCBI Protein Information	creatine kinase M-type
UniProt Protein Name	Creatine kinase M-type
UniProt Gene Name	Ckm
UniProt Synonym Gene Names	Ckmm
UniProt Entry Name	KCRM_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/ckmb-antibody-clone-m9910208-elisa/74726>