

Rabbit anti-Human M-CK Polyclonal Antibody | anti-M-CK antibody

M-CK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301442	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

M-CK; Polyclonal Antibody; M-CK Antibody; CKM; CKMM.; EC 2.7.3.2; KCRM; creatine kinase; anti-M-CK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total M-CK protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	381
Applicable Applications for anti-M-CK antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human M-CK.
Target Name	M-CK
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using M-CK antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using M-CK antibody.



WB (Western Blot)

Western blot analysis of extracts from HUVEC cells, HepG2 cells, Jurkat cells and HeLa cells, using M-CK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-M-CK antibody	Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.Grimwood J., Nature 428:529-535(2004).Hamburg R.J., J. Biol. Chem. 265:6403-6409(1990).Tang L., Acta Crystallogr. D 55:669-670(1999).
Product Categories/Family for anti-M-CK antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536288
NCBI GeneID	1158
NCBI Accession #	NP_001815.2
NCBI GenBank Nucleotide #	NM_001824.4
UniProt Accession #	P06732; Q96QL9
Molecular Weight	43,101 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; M-CK
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_HUMAN

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://stage.aaabiotech.com/polyclonal/m-ck-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301442>