

Mouse Creatine Kinase, Muscle (CKM) Monoclonal Antibody | anti-CKM antibody

Monoclonal Antibody to Creatine Kinase, Muscle (CKM)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152736	Mouse	Human, Mouse, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

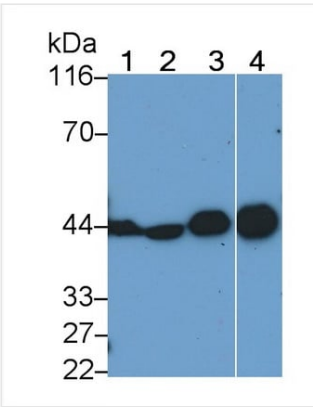
PRODUCT SYNONYMS

Creatine Kinase; Muscle (CKM); Monoclonal Antibody; Monoclonal Antibody to Creatine Kinase; Muscle; CK-MM; CKMM; CK3; CK-M; MM-CK; M-CK; Creatine kinase M-type; N-terminally processed; anti-CKM antibody

PRODUCT SPECIFICATIONS

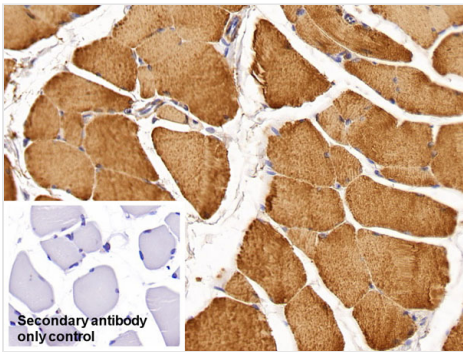
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	H15
Specificity	The antibody is a mouse monoclonal antibody raised against CKM. It has been selected for its ability to recognize CKM in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Lys11~Leu367
Applicable Applications for anti-CKM antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Creatine Kinase, Muscle (CKM)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



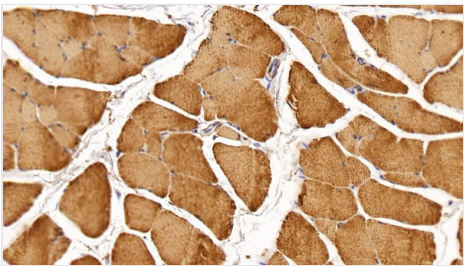
WB (Western Blot)

Western Blot; Sample: Lane1: human SeuM; Lane2: Hela cell lysate; Lane3: Rat Heart lysate; Lane4: Mouse Heart lysate Primary Ab: 0.1ug/ml Mouse Anti-human CKM Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



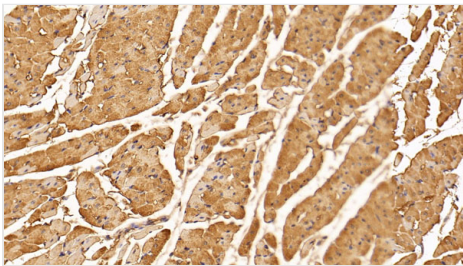
IHC (Immunohistochemisry)

DAB staining on IHC-P; Sample: Rat Skeletal muscle Tissue Primary Ab: 20ug/ml Mouse Anti-human CKM Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohiostchemistry)

DAB staining on IHC-P; Sample: Rat Skeletal muscle Tissue; Primary Ab: 20ug/ml Mouse Anti-human CKM Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Rat Cardiac Muscle Tissue; Primary Ab: 20ug/ml Mouse Anti-human CKM Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CKM antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Enzyme & Kinase
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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; creatine kinase M chain
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/monoclonal/creatine-kinase-muscle-ckm-antibody-clone-h15-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152736>