

Mouse Creatine Kinase B (CK-BB) Monoclonal Antibody | anti-CK-BB antibody

Monoclonal Antibody to Creatine Kinase B (CK-BB)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162127	Mouse	Rat, Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

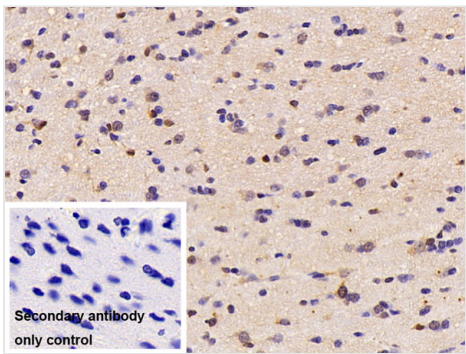
PRODUCT SYNONYMS

Creatine Kinase B (CK-BB); Monoclonal Antibody; Monoclonal Antibody to Creatine Kinase B (CK-BB); Creatine Kinase B; CKB; CKBB; CK-B; CK-1; Creatine Kinase; Brain; anti-CK-BB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat, Human, Pig
Clonality	Monoclonal
Isotype	IgG
Clone Number	C4
Specificity	The antibody is a mouse monoclonal antibody raised against CK-BB. It has been selected for its ability to recognize CK-BB in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence	Lys11~Leu3 67
Applicable Applications for anti-CK-BB antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Conjugation	Unconjugated
Research Area	Enzyme & Kinase, Metabolic pathway, Cardiovascular biology, Neuro science
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. 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; Samples: Lane1: 293T cell lysate; Lane2: HeLa cell lysate; Lane3: Porcine Cerebrum lysate;Primary Ab: 0.02ug/ml Mouse Anti-Rat CK-BB AntibodySecond Ab: 0.2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody. DAB staining on IHC-P;Sample: Rat Spinal cord TissuePrimary Ab: 30ug/ml Mouse Anti-Rat CK-BB AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody. DAB staining on IHC-P;Sample: Rat Cerebellum TissuePrimary Ab: 30ug/ml Mouse Anti-Rat CK-BB AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody. DAB staining on IHC-P;Sample: Rat Cerebrum TissuePrimary Ab: 30ug/ml Mouse Anti-Rat CK-BB AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CK-BB antibody	Monoclonal Antibodies (Primary Abs)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	401461784
NCBI GeneID	24264
NCBI Accession #	NP_036661.3
NCBI GenBank Nucleotide #	NM_012529.3
UniProt Accession #	P07335; Q499P7; Q5PPJ5; Q6IRE0; Q6P139; A0JPK7
Molecular Weight	42,725 Da
NCBI Official Full Name	creatine kinase B-type
NCBI Official Synonym Full Names	creatine kinase, brain
NCBI Official Symbol	Ckb
NCBI Official Synonym Symbols	Ckbb; Ckbr
NCBI Protein Information	creatine kinase B-type; B-CK; brain creatine kinase; creatine kinase B chain
UniProt Protein Name	Creatine kinase B-type
UniProt Gene Name	Ckb
UniProt Synonym Gene Names	Ckbb
UniProt Entry Name	KCRB_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.

