

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

Monoclonal Antibody to Creatine Kinase B (CK-BB)

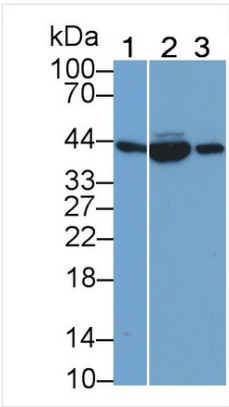
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21230	Mouse	Human, Rat, Pig	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

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

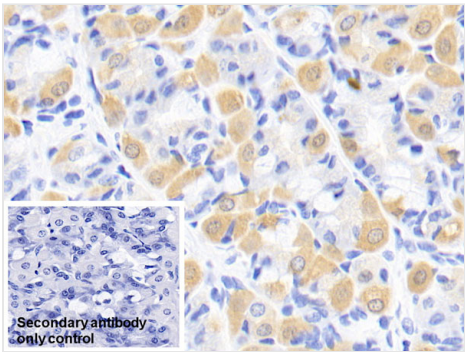
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	D7
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	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Lys11~Leu367
Applicable Applications for anti-CK-BB antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.5-2ug/mL IHC: 5-20ug/mL ICC: 5-20ug/mL
Immunogen	Recombinant Creatine Kinase B (CK-BB)
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.



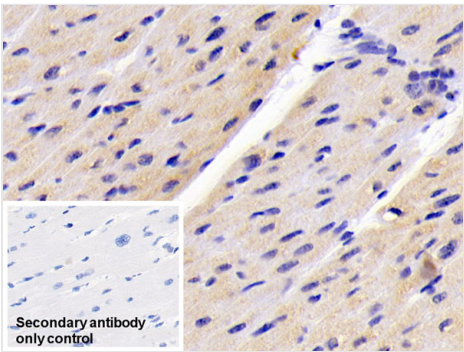
WB (Western Blot)

Western Blot; Sample: Lane1: Porcine CerebUM lysate; Lane2: 293T cell lysate; Lane3: Hela cell lysate Primary Ab: 2 ug/ml Mouse Anti-human CK-BB Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



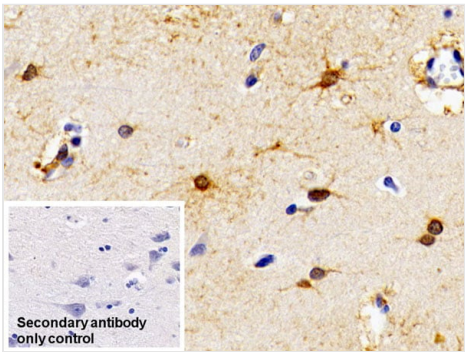
IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human Stomach TissuePrimary Ab: 20ug/ml Mouse Anti-human CK-BB AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



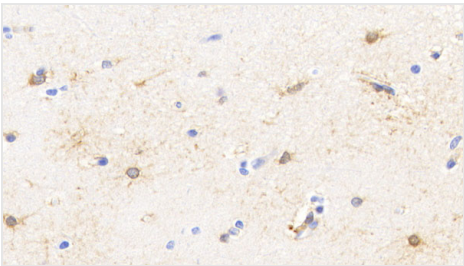
IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human Cardiac Muscle TissuePrimary Ab: 20ug/ml Mouse Anti-human CK-BB AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



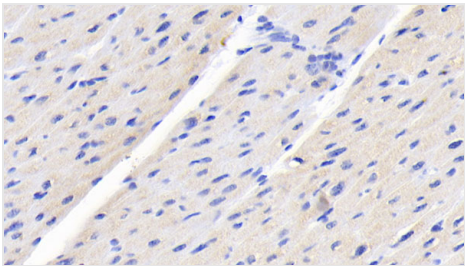
IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human CerebUM TissuePrimary Ab: 20ug/ml Mouse Anti-human CK-BB AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human CerebUM Tissue; Primary Ab: 20ug/ml Mouse Anti-human CK-BB AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human Cardiac Muscle Tissue; Primary Ab: 20ug/ml Mouse Anti-human CK-BB 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); Monoclonal antibodies; Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125294
NCBI GeneID	1152
UniProt Accession #	P12277; Q2LE07; Q6FG40; Q9UC66; A8K236; B2R5R4

Molecular Weight	381
NCBI Official Full Name	Creatine kinase B-type
NCBI Official Synonym Full Names	creatine kinase, brain
NCBI Official Symbol	CKB
NCBI Official Synonym Symbols	BCK; B-CK; CKBB; HEL-211; HEL-S-29
NCBI Protein Information	creatine kinase B-type; creatine kinase-B; creatine kinase B chain; epididymis luminal protein 211; epididymis secretory protein Li 29
UniProt Protein Name	Creatine kinase B-type
UniProt Gene Name	CKB
UniProt Synonym Gene Names	CKBB
UniProt Entry Name	KCRB_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-b-ck-bb-antibody-clone-d7-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21230>