



Anti-CKB monoclonal antibody, clone CEJ048 (DCABH-8044)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Creatine Kinase MB
Antigen Description	Creatine Kinase MB consists of a dimer of nonidentical chains. With MM being the major form in skeletal muscle and myocardium, MB existing in myocardium, and BB existing in many tissues, especially brain. Creatine Kinase MB reversibly catalyses the transfer of phosphate between ATP and various phosphogens. The 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.
Immunogen	Purified Human Creatine Kinase MB
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	CEJ048
Conjugate	Unconjugated
Applications	ELISA, Sandwich ELISA
Format	Liquid
Size	500 µg
Buffer	Preservative: 0.05% Sodium Azide; Constituents: PBS, pH 7.3
Preservative	0.05% Sodium Azide

Storage	store at -20°C. Avoid freeze / thaw cycles.
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Ship	Shipped at 4°C.
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GENE INFORMATION

Gene Name	CKB creatine kinase, brain [Homo sapiens]
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Official Symbol	CKB
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Synonyms	CKB; creatine kinase, brain; CKBB; creatine kinase B-type; creatine kinase-B; creatine kinase B chain; B-CK;
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Entrez Gene ID	1152
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Protein Refseq	NP_001814
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UniProt ID	P12277
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Chromosome Location	14q32.32
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Pathway	Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Creatine metabolism, organism-specific biosystem; Creatine pathway, organism-specific biosystem; Creatine pathway, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
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Function	ATP binding; creatine kinase activity; nucleotide binding;
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