



Anti-CKB monoclonal antibody, clone 57B2 (DCABH-9536)

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	Recombinant human Creatine Kinase MB protein purified from E.coli
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	57B2
Conjugate	Unconjugated
Applications	WB, ELISA
Positive Control	Human Creatine Kinase MB protein
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.03% Sodium Azide; Constituents: 50% Glycerol, 0.01% BSA, HEPES, 0.15M Sodium chloride

Preservative	0.03% Sodium Azide
Storage	store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	CKB creatine kinase, brain [Homo sapiens]
Official Symbol	CKB
Synonyms	CKB; creatine kinase, brain; CKBB; creatine kinase B-type; creatine kinase-B; creatine kinase B chain; B-CK;
Entrez Gene ID	1152
Protein Refseq	NP_001814
UniProt ID	P12277
Chromosome Location	14q32.32
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;
Function	ATP binding; creatine kinase activity; nucleotide binding;