



Anti-CKB monoclonal antibody, clone 904DU30.2.2 (DCABH-6668)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Creatine kinase B type
Antigen Description	Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). 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 full length protein (His-tag) corresponding to Creatine kinase B type aa 1-381.Database link: P12277
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Mouse, Human
Clone	904DU30.2.2
Purification	This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugate	Unconjugated
Applications	WB
Positive Control	MDA-MB453; 293 and Y-79 cell lysates; Mouse stomach and Mouse brain tissue lysates
Format	Liquid
Size	100 µl

Buffer	Preservative: 0.09% Sodium azide; Constituent: 99% PBS
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
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;