



Anti-CKB monoclonal antibody, clone DL-CZL/32F21 (DCABH-1764)

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	Synthetic peptide: SNSHNALKLRFPAEDEF, corresponding to N terminal amino acids 4-20 of Human Creatine kinase B type.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Rabbit, Human
Clone	DL-CZL/32F21
Purity	Protein G purified
Conjugate	Unconjugated
Applications	IHC-Fr, ICC/IF, WB, IHC-P
Positive Control	Human Purkinje cells.
Format	Liquid
Size	50 µg
Buffer	Preservative: 0.02% Sodium azide; Constituents: 99% PBS, 0.1% BSA
Storage	store at -20°C. Avoid 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;