



Anti-CKB monoclonal antibody, clone DL-21 (DCABH-5)

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

PRODUCT INFORMATION

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| 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 | These clones have been derived from hybridization of Sp 2/0 myeloma cells with spleen cells of Balb/c mice immunized with human creatine kinase MB. |
| Isotype | IgG |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Clone | DL-21 |
| Purification | Purity is tested by electrophoresis. |
| Conjugate | Unconjugated |
| Applications | ELISA |
| Format | Liquid |
| Size | 100 µg |
| Buffer | Preservative: 0.1% Sodium Azide; Constituents: PBS, pH 7.2 |

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| Preservative | 0.1% Sodium Azide |
| Storage | store at -20°C. Avoid freeze / thaw cycles. |
| Ship | Shipped at 4°C. |

GENE INFORMATION

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| Gene Name | Ckb creatine kinase, brain [Mus musculus] |
| Official Symbol | CKB |
| Synonyms | CKB; creatine kinase, brain; creatine kinase B-type; creatine kinase B chain; Bck; Ck3; B-CK; Ck-3; Ckbb; |
| Entrez Gene ID | 12709 |
| Protein Refseq | NP_067248 |
| UniProt ID | Q04447 |
| 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; catalytic activity; creatine kinase activity; kinase activity; nucleotide binding; protein binding; transferase activity; transferase activity, transferring phosphorus-containing groups; |