CKB monoclonal antibody, clone 2ba6

Catalog # MAB21153 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human CKB.
Immunogen	Recombinant protein corresponding to full length human CKB.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Frozen sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Immunofluorescence
- Flow Cytometry

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Gene Info — CKB

Entrez GeneID	1152
Protein Accession#	P12277
Gene Name	CKB
Gene Alias	B-CK, CKBB
Gene Description	creatine kinase, brain
Omim ID	123280
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis. The e ncoded protein reversibly catalyzes the transfer of phosphate between ATP and various phospho gens such as creatine phosphate. It acts as a homodimer in brain as well as in other tissues, and as a heterodimer with a similar muscle isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family. A pseudogene of this gene has been characteri zed. [provided by RefSeq
Other Designations	brain creatine kinase|creatine kinase B-chain|creatine kinase-B

Pathway

- Arginine and proline metabolism
- Metabolic pathways

Disease

- Macular Degeneration

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