

Datasheet

CKB monoclonal antibody, clone AFOC-3

Catalog Number: MAB22114

Regulatory Status: For research use only (RUO)

Product Description: Rabbit monoclonal antibody raised against synthetic protein of human CKB.

Clone Name: AFOC-3

Immunogen: A synthetic peptide corresponding to human CKB.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: Flow Cyt, ICC, IF, IHC-P, IP, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody reacts with human, mouse, rat CKB, in native form and recombinant. Superfamily members of CKB are not reactive to antibody.

Form: Liquid

Purification: Affinity purification

Isotype: IgG

Recommend Usage: Flow Cytometry (1:50)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200)

Immunofluorescence (1:50-200)

Immunocytochemistry (1:50-200)

Immunoprecipitation (1:50)

Western Blot (1:1000-5000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1152

Gene Symbol: CKB

Gene Alias: B-CK, CKBB

Gene Summary: The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens 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 characterized. [provided by RefSeq]