



Mouse Anti-Human CKBB monoclonal antibody, clone CD117 (CABT-L4640)

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

PRODUCT INFORMATION

Specificity	This clone recognizes the CK-B subunit in both CK-BB and CK-MB
Target	Human CK-BB
Immunogen	Purified human CKBB
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	CD117
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	IA
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	Phosphate Buffered Saline, 0.05% Sodium Azide, pH 7.2 \pm 0.1
Preservative	0.05% Sodium Azide
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction

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. The function about CK-BB antigen include ATP binding; creatine kinase activity; nucleotide binding.

Keywords

B-CK; CKBB; CKB; creatine kinase B-type; creatine kinase-B; creatine kinase B chain
