



Mouse Anti-Human CKBB monoclonal antibody, clone N63323 (CABT-L4639)

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

PRODUCT INFORMATION

Target	Human CK-BB
Immunogen	CKBB antibody was raised in mouse using human Brain CKBB as the immunogen.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	N63323
Purification	Protein A purified
Conjugate	Unconjugated
Applications	IA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	10mM PBS, pH 7.2 with 0.05% NaN3.
Preservative	0.05% NaN3
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Wet ice

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