Datasheet for ABIN111813

anti-Creatine Kinase MB antibody

Go to Product page

Overview

Quantity:	0.1 mg
Target:	Creatine Kinase MB (CKM)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Creatine Kinase MB antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), Radioimmunoassay (RIA)

Product Details

Immunogen:	Highly purified human CK-MB.
Clone:	1F2-1
Isotype:	IgG2b
Purification:	Affinity chromatography on Protein A

Target Details

Target:	Creatine Kinase MB (CKM)
Alternative Name:	CKMB (CKM Products)
Background:	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

Target Details

	energy transduction in tissues with large fluctuating energy demands such as skeletal muscle, heart, brain and spermatozoa. Creatine phosphokinase, also known as creatine kinase (CK), is an enzyme expressed by various tissues and cell types. CK catalyses the conversion of creatine and consumes adenosine triphosphate (ATP) to create phosphocreatine and adenosine diphosphate (ADP). In cells, the "cytosolic" CK enzymes consist of two subunits, which can be either B (brain type) or M (muscle type). There are three different isoenzymes: CKMM, CKBB and CKMB.Synonyms: CK-MB, Creatine Kinase MB

Application Details

Application Notes:	ELISA. IRMA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.