

Datasheet for ABIN2473101 **anti-CPK antibody**



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Overview

Quantity:	0.1 mg
Target:	CPK
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CPK antibody is un-conjugated
Application:	ELISA, Immunoradiometric Assay (IRMA)

Product Details

Immunogen:	Highly purified human CKMB.
Clone:	1302 (1F2-1)
Isotype:	IgG2b
Specificity:	<p>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. 2400-1986 recognises CKMB but does not distinguish between isoform CKMB1 and CKMB2. This antibody shows less than 0.1 % reactivity with CKBB or CKMM and minimal reactivity with other human serum proteins.</p>
Characteristics:	Purified IgG

Product Details

Purification: Purified

Target Details

Target: CPK

Alternative Name: CREATINE PHOSPHOKINASE ([CPK Products](#))

Background: Synonyms: CKMB

Gene ID: 1152, 1158

UniProt: [P06732](#), [P12277](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL