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Product datasheet for AM00686PU-N

CKMB Mouse Monoclonal Antibody [Clone ID: BDI937]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BDI937
Applications:	ELISA
Recommended Dilution:	**ELISA.** **Lateral Flow.** Forms a suitable pair with Affinity Purified Goat anti-CKMM antibody AP00666PU-N.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Human CKMB
Specificity:	Recognizes Human Creatine Kinase MB (CK-MB).
Formulation:	PBS, pH 7.3 State: Purified State: Liquid purified IgG fraction Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.

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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 energy transduction in tissues with large fluctuating energy demands such as skeletal muscle, heart, brain and spermatozoa.

Synonyms: CK-MB, Creatine Kinase MB

Note: Centrifuge before opening to ensure complete recovery of vial contents.