

Rev01
Update: Sep,02,2025

DATASHEET

CK-MB (1F7), mAb, Mouse

Cat. No.: V01301

Overview

Specificity	Human CK-MB
Recommended Pairs	ELISA/TRFIA (Capture-Detection): 8D8 - 2F1 ELISA/CLIA (Capture-Detection): 8D8 - 1F7
Clone ID	1F7
Isotype	Mouse IgG1 for Mabs 1F7
Subclass	IgG1
Host Species	Mouse
Antigen Species	Human

Properties

Conjugation	Unconjugated
Production	Cultured in vitro under conditions free from animal-derived components
Purification	Protein A/G affinity column
Concentration	≥ 2mg/ml
Formulation	50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% ProClin 300.
Storage	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.
Note	GenScript can customize this product per customer's request including product size, buffer components, etc.

Applications

Platform	Capture	Detection
ELISA	8D8	2F1
	8D8	1F7
TRFIA	8D8HC	1F7
	8D8	2F1
CLIA	8D8HC	1F7

Background

Target Background : Creatine kinase (CK) is a dimeric enzyme, including three isoforms of creatine kinase: BB, MM, and MB. Level of serum CK-MB will be increased within 4-6 hours after a myocardial infarction (MI). CK-MB is considered as a useful marker for the diagnosis of myocardial infarction.

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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