

Rabbit anti-Human cTnI mAb (DET)

Catalog No.: RMK0364

Basic Information

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RMK0364

Catagory
Elisa Antibody Kit

Application
multiplex assay

Product Information

Ig Type
Rabbit IgG


Purification
Affinity purification


Endotoxin Level

Storage
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS,PH 7.4 containing Human cTnI Antibody

Contact

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Background

Troponin I, also known as TNI, is a 24 kDa component of a protein complex on striated muscle thin filaments. Troponin I inhibits the calcium-dependent muscle contraction mediated by Troponins C and T. The expression of cardiac Troponin I (TNNI3) is restricted to cardiac muscle, while TNNI1 and TNNI2 (encoded by distinct genes) are expressed in skeletal muscle. Mutations of cardiac Troponin I are associated with hereditary cardiomyopathy. Human cardiac Troponin I shares 93% amino acid sequence identity with mouse and rat cardiac Troponin I.

Immunogen Information

Immunogen
Recombinant Human cTnI Protein

Cross-Reactivity

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Assay Applications

Human cTnI multiplex assay

	Recommended Concentration	Sample
Multiplex Capture	3-20ug/mL	Rabbit anti-Human cTnI mAb(Cat. No.RMK0363)
Multiplex Detection	0.017-2ug/mL	Rabbit anti-Human cTnI mAb(Cat. No.RMK0364)
Standard	6.86-5000pg/mL	Recombinant Human cTnI Protein

Validation Data

Standard Curve Chart

