# Rabbit anti-Human cTnI mAb (DET)



Catalog No.: RMK0364

# **Basic Information**

# Catalog No.

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 cTnl Antibody

### Contact

<b>-</b>	order@abclonal.com
2	support@abclonal.com
•	www.abclonal.com

# **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 heriditary 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

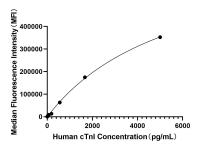
# **Cross-Reactivity**

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# **Assay Applications**

Human cTnI multiplex assay

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



Standard Curve Chart