

Cardiac Troponin I antibody [4C2]

Cat. No. GTX38839

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ELISA, Immunoassay, Purification
Reactivity	Human

Package
500 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ELISA	Assay dependent
Immunoassay	Assay dependent
Purification	Assay dependent

Not tested in other applications.

Calculated MW 24 kDa. ([Note](#))

Product Note

Reacts equally with free cardiac troponin I (cTnI) and cTnI forming complexes with other troponin components. Not affected by heparin, phosphorylation, oxidation and troponin complex formation. Recognizes an epitope located between amino acid residues 23 and 29 of cTnI. No cross-reactivity with skeletal muscle troponin I. Reactive with cTnI from human, bovine, porcine, goat, canine, rabbit, feline, rat and mouse. Not reactive with cTnI from fish.

Properties

Form	Liquid
Buffer	PBS
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	9.10 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Native troponin complex.
Purification	Protein A purified
Conjugation	Unconjugated



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