

Cardiac Troponin I antibody [16A11]

Cat. No. GTX10226

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, IP, ELISA, Immunoassay, IHC, Purification, Sandwich ELISA
Reactivity	Human, Rabbit, Goat, Bovine, Cat, Dog, Pig

Package
200 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
IP	Assay dependent
ELISA	Assay dependent
Immunoassay	Assay dependent
IHC	Assay dependent
Purification	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX28289, Detection : GTX10226

Not tested in other applications.

Calculated MW	24 kDa. (Note)
Product Note	No cross-reactivity with skeletal muscle Tnl.

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	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Free human cardiac troponin I, native human cardiac troponin complex, or human cardiac troponin I peptides.
Purification	Protein A purified



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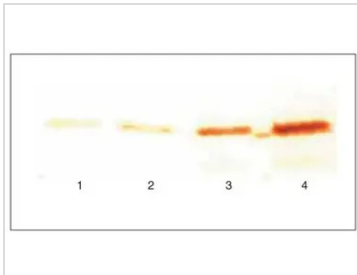
Conjugation

Unconjugated

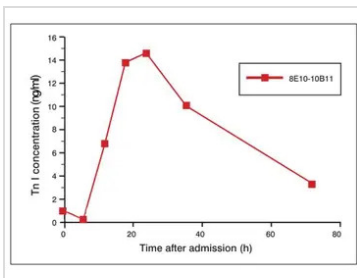
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX10226 WB Image

Detection of cardiac troponin I (cTnI) by Western blotting. After SDS-PAGE cTnI was transferred to a nitrocellulose membrane and probed by Cardiac Troponin I antibody [16A11] (GTX10226) and then by a HRP-conjugated goat anti-mouse IgG antibody. Substrate - diaminobenzidine. Lane 1: 3 ng cTnI; Lane 2: 10 ng cTnI; Lane 3: 30 ng cTnI; Lane 4: 100 ng cTnI.


GTX10226 ELISA Image

Cardiac troponin I measurements using sandwich immunoassays to determine the total cardiac troponin I in serial blood samples from AMI patient.



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