

Product Datasheet

Phospho-cardiac Troponin I (Thr143) Rabbit Polyclonal Antibody (orb1204)

Description	Phospho-cardiac Troponin I (Thr143) Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Rat
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-Fr, IHC-P
Immunogen	KLH conjugated synthesised phosphopeptide derived from human cardiac Troponin I around the phosphorylation site of Thr143 RP(p-T)LR
Target	TNNI3
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	24 kDa
Uniprot ID	P19429

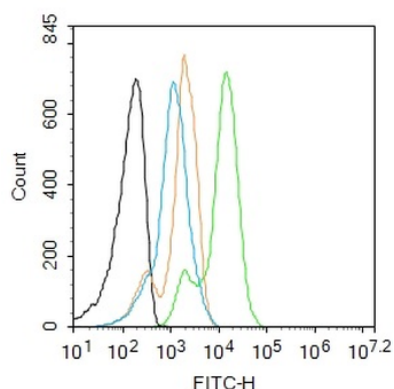
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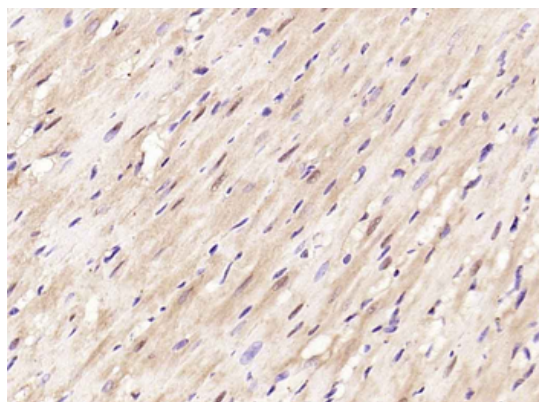
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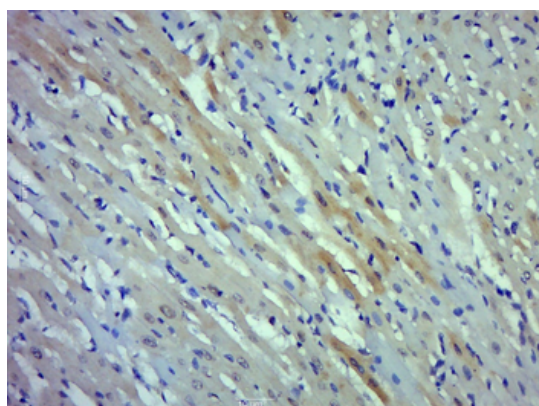
Dilution Range	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:50-200, Flow-Cyt=1ug/Test
Expiration Date	12 months from date of receipt.



Blank control: K562. Primary Antibody (green line): Rabbit Anti-phospho-cardiac Troponin I (Thr143) antibody (orb1204), Dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC, Dilution: 1 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Paraformaldehyde-fixed, paraffin embedded (rat heart), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (PGGT1B) Polyclonal Antibody, Unconjugated (orb1204) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat heart), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (phospho-cardiac Troponin I (Thr143)) Polyclonal Antibody, Unconjugated (orb1204) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

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