

Product Datasheet

Anti-Cardiac Troponin I [scFv 180] (orb613846)

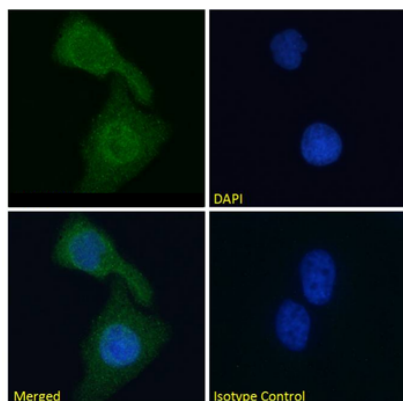
Description	Mouse monoclonal antibody to Cardiac Troponin I
Species/Host	Gallus
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	WB
Immunogen	Cardiac Troponin I peptide (KISASRKLQLKT).
Target	Cardiac Troponin I
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
Storage	Maintain 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	Gallus IgG1
Clonality	Monoclonal
Clone Number	scFv 180
Purity	Purified
Uniprot ID	P19429
Expiration Date	12 months from date of receipt.

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Immunofluorescence staining of fixed HeLa cells with anti-Cardiac Troponin I antibody scFv 180. Immunofluorescence analysis of paraformaldehyde fixed HeLa cells permeabilized with 0.15% Triton and stained with the chimeric mouse IgG1 version of scFv 180 (orb613846) at 10 µg/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 µg/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom orb613846, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-unknown specificity antibody followed by Alexa Fluor® 488 secondary antibody.



Western Blot using anti-Cardiac Troponin I antibody scFv 180 Human heart lysate (35 µg protein in RIPA buffer) was resolved on a 10% SDS PAGE gel and blots probed with the chimeric mouse IgG1 version of scFv 180 (orb613846) at 0.001 µg/ml before detection using an anti-mouse secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The predicted running size for Cardiac Troponin I is 24.0 kDa. orb613846 successfully detected Cardiac Troponin I in human heart lysate.

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