

Cardiac Troponin I Monoclonal Antibody (P4-14G5)

Product Details

Size	200 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	P4-14G5
Conjugate	Unconjugated
Immunogen	Free, human cardiac troponin and/or native troponin complex.
Form	Liquid
Concentration	5.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_561836

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	1 Publication
Immunohistochemistry (IHC)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-
Affinity Purification (AP)	Assay-dependent	-

Product Specific Information

MA1-20119 detects cardiac troponin 1 in human samples.

Western Blot (1)

Cardiovascular research

Titin-truncating mutations associated with dilated cardiomyopathy alter length-dependent activation and its modulation via phosphorylation.

"MA1-20119 was used in Western Blot to elucidate proteomic and functional characterizations of titin-truncating mutations in the pathogenesis of dilated cardiomyopathy."

Authors: Vikhorev PG,Vikhoreva NN,Yeung W,Li A,Lal S,Dos Remedios CG,Blair CA,Guglin M,Campbell KS,Yacoub MH,de Tombe P,Marston SB

Year
2022

Species
Human

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