Heavy chain cardiac Myosin antibody [3-48]

Cat. No. GTX20015

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-Fr, ELISA
Reactivity	Human, Mouse, Rat, Rabbit, Bovine, Dog, Pig

Reference (16)
Package
100 µg

APPLICATION

Application Note

For ELISA: Use at an assay dependant dilution. For IF: Use at an assay dependant dilution. For IHC-Fr: Use at an assay dependant dilution. For WB: Use at an assay dependant dilution. Predicted molecular weight: 223 kDa. Optimal dilutions/concentrations should be determined by the researcher.

Product Note	This antibody is myosin alpha and beta heavy chain specific. Affinity constants for:Human ventricular myosin heavy chains - 3.33 x 10^8M^{-1}Human atrial myosin heavy chains - 1.48 x 10^8M^{-1} Human skeletal muscle myosin - 1.06 x 10^8M^{-1} Canine cardiac myosin heavy chains - 2.06 x 10^8M^{-1} 3-48 antibody cross-reacts with heavy chains of human myosin isolated from: slow skeletal muscle, fast skeletal muscle, eye muscle, and streptococcal M5 peptide. It does not react with human platelet, smooth muscle myosin heavy chains, myosin light chains, myosin fragments circulating in blood of patients with myocardial infarction, nor does it react with any other human tissue antigens or blood cells.

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length native protein (purified) (Human).
Purification	IgG fraction
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. 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.

For full product information, images and publications, please visit our website.

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