

MYH2 Conjugated Antibody

Catalog No: #C54013



Package Size: #C54013-AF350 100ul #C54013-AF405 100ul #C54013-AF488 100ul

#C54013-AF555 100ul #C54013-AF594 100ul #C54013-AF647 100ul

#C54013-AF680 100ul #C54013-AF750 100ul #C54013-Biotin 100ul

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Description

Product Name	MYH2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human MYH2 (NP_001093582.1).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MYH2;IBM3;MYH2A;MYHSA2;MYHas8;MYPOP;MyHC-2A;MyHC-IIa;myosin-2
Accession No.	Swiss Prot:Q9UKX2GeneID:4620
Uniprot	Q9UKX2
Excitation Emission	AF350: 346nm/442nm
	AF405: 401nm/421nm
	AF488: 493nm/519nm
	AF555: 555nm/565nm
	AF594: 591nm/614nm
	AF647: 651nm/667nm
	AF680: 679nm/702nm
Calculated MW	AF750: 749nm/775nm
	Calculated MW: 223 kDa; Observed MW: 250 kDa
Formulation	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Myosins are actin-based motor proteins that function in the generation of mechanical force in eukaryotic cells. Muscle myosins are heterohexamers composed of 2 myosin heavy chains and 2 pairs of nonidentical myosin light chains. This gene encodes a member of the class II or conventional myosin heavy chains, and functions in skeletal muscle contraction. This gene is found in a cluster of myosin heavy chain genes on chromosome 17. A mutation in this gene results in inclusion body myopathy-3. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Note: This product is for in vitro research use only