

## ARG45074 anti-MYH4 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MYH4
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MYH4
Species	Mouse
Immunogen	A synthetic peptide (coupled to KLH) corresponding to amino acid residues at the C-terminus from mouse MYH4/MyHC-IIb. This sequence has 100% identity with rat and human MYH4, and has significant homology to MYH1, MYH2, and MYH8.
Conjugation	Un-conjugated
Alternate Names	MYH4; Myosin Heavy Chain 4; MyHC-IIb; MyHC-2B; MYH2B; Myosin, Heavy Polypeptide 4, Skeletal Muscle; Myosin Heavy Chain, Skeletal Muscle, Fetal; Myosin Heavy Chain IIb; Myosin Heavy Chain 2b; Myosin-4; Myosin, Heavy Chain 4, Skeletal Muscle; MyHC-2b

### Application Instructions

Application table	Application	Dilution
	WB	1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Antigen Affinity Purified.
Buffer	PBS, 0.05% NaN3, 50% Glycerol and 0.1 % BSA.
Stabilizer	50% Glycerol and 0.1 % BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	MYH4
Gene Full Name	Myosin Heavy Chain 4
Background	Enables double-stranded RNA binding activity. Involved in muscle contraction. Located in myofibril. [provided by Alliance of Genome Resources, Apr 2022]
Calculated Mw	223 kDa
PTM	Methylation, Phosphoprotein. [Uniprot]
Cellular Localization	Cytoplasm, Thick filament. [Uniprot]