

Product datasheet

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ARG45076 anti-MYH13 antibody

Package: 50 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes MYH13

Tested Reactivity Hu, Ms, Rat
Tested Application IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name MYH13

Species Mouse

Immunogen A synthetic peptide (coupled to KLH) corresponding to amino acid residues in the hinge region from

mouse MYH13/extraocular myosin. This sequence has 100% identity with rat and human MYH13, and

has low homology to other myosin family members.

Conjugation Un-conjugated

Alternate Names MYH13; Myosin Heavy Chain 13; MyHC-Eo; Myosin Heavy Chain, Skeletal Muscle, Extraocular; Myosin

Heavy Chain, Skeletal Muscle, Laryngeal; Myosin, Heavy Polypeptide 13, Skeletal Muscle; Extraocular Muscle Myosin Heavy Chain; Extraocular Myosin Heavy Chain; Superfast Myosin; Myosin-13; MyHC-IIL;

Myosin, Heavy Chain 13, Skeletal Muscle; MyHC-EO

Application Instructions

Application table	Application	Dilution
	IHC-P	1:150
	WB	1:1000
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

Gene Symbol MYH13

Gene Full Name Myosin Heavy Chain 13

Background Predicted to enable microfilament motor activity. Predicted to be involved in muscle contraction.

Predicted to act upstream of or within cellular response to starvation. Located in extracellular exosome.

[provided by Alliance of Genome Resources, Apr 2022]

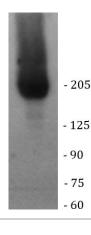
Function Fast twitching myosin mediating the high-velocity and low-tension contractions of specific striated

muscles. [Uniprot]

Calculated Mw 224 kDa

PTM Methylation. [Uniprot]

Images



ARG45076 anti-MYH13 antibody WB image

Western blot: Mouse extraocular muscle stained with ARG45076 anti-MYH13 antibody.