

Anti-Myosin 4/MyHC-IIB (C-terminus) Antibody

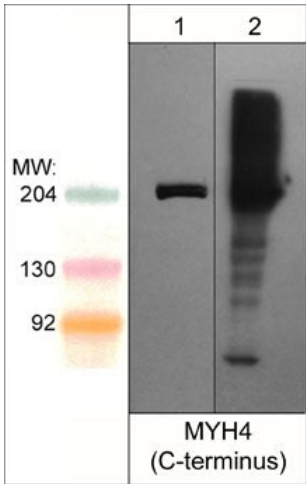


Product Details

Available Variants	100 µL (SKU:MP4541)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	MYH4
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:2000
Species Reactivity	Human, Mouse, Rat
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.
Specificity	The antibody detects a 215 kDa* protein corresponding to the apparent molecular mass of MYH4 on SDS-PAGE immunoblots of mouse extraocular muscle and mouse C2C12 cells. The antibody may also detect other skeletal MYHs, such as MYH1 and MYH2, which have significant homology to the C-terminal region of MYH4.
Molecular Weight	215
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q5SX39
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot analysis MYH4 in mouse C2C12 (lane 1) and mouse extraocular muscle (lane 2). Both lanes of the blot were probed with rabbit polyclonal anti-MYH4/MyHC-IIB (C-terminus) at 1:1000.

Product Page URL: www.antibodiesinc.com/products/anti-myosin-4-myhc-iib-c-terminus-antibody-mp4541

