

Anti-Myosin IIA Heavy Chain (C-terminal region) Antibody



Product Details

Available Variants	100 µL (SKU:MP3791)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	MYH9
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, ICC, WB
Dilution Ranges	WB: 1:2000 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	NMHC-IIA synthetic peptide (coupled to KLH) corresponding to amino acid residues in the C-terminal region of human myosin IIA heavy chain. This peptide sequence is highly conserved in rat and mouse NMHC-IIA, but is not found in NMHC-IIB and is not well conserved in NMHC-IIC.
Specificity	The antibody detects a 200 kDa* protein corresponding to the apparent molecular mass of NMHC-IIA on SDS-PAGE immunoblots of human A431, Jurkat, mouse C2C12, and rat PC12 cells.
Molecular Weight	200
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 P35579

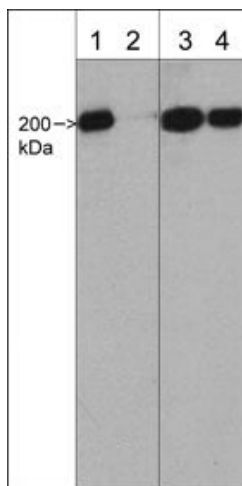
Country of Origin United States

Shipping Blue Ice

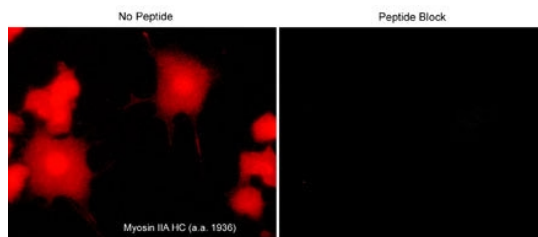
Expiration After date of receipt, stable for at least 1 year at -20°C.

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 image of human A431 cells. The blots were untreated (lanes 1 & 3) or treated with lambda phosphatase (lanes 2 & 4), then probed with rabbit polyclonal Myosin IIA Heavy Chain (Ser-1943), phospho-specific antibody (lanes 1 & 2) or rabbit polyclonal Myosin IIA Heavy Chain (a.a. 1936-1950) antibody (lanes 3 & 4).



Immunocytochemical labeling of Slingshot-1L in rat PC12 cells differentiated with NGF. The cells were labeled with rabbit polyclonal anti-Myosin IIA Heavy Chain (a.a. 1936-1950), then detected using appropriate secondary antibody conjugated to Cy3. The antibody was used in the absence (left) or presence (right) of blocking peptide (MX3795).

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