

Anti-Myosin IIA Heavy Chain (Ser-1803), Phosphospecific Antibody

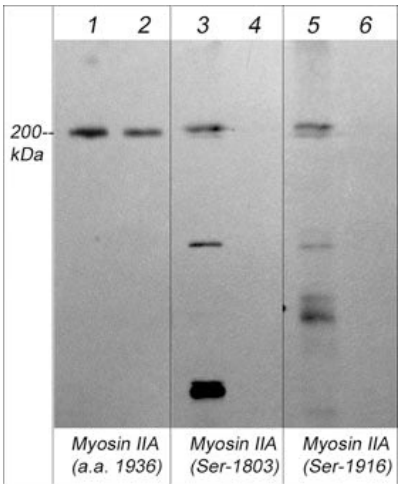


Product Details

Available Variants	100 µL (SKU:MP5181)
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, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	Phospho-Myosin IIA Heavy Chain (Ser-1803) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding Ser-1803 in human myosin IIA heavy chain. This peptide sequence is highly conserved in rat and mouse myosin IIA heavy chain, and the site has some homology to the conserved sites in nonmuscle myosin IIB and smooth muscle myosin heavy chains.
Specificity	This antibody was cross-adsorbed to unphosphorylated Myosin IIA Heavy Chain (Ser-1803) peptide before affinity purification using phospho-Myosin IIA Heavy Chain (Ser-1803) peptide (without carrier). The antibody detects a 200 kDa* protein corresponding to Myosin IIA Heavy Chain on SDS-PAGE immunoblots of human A431 cells treated with Calyculin A. This reactivity is removed after treatment with lambda phosphatase.
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	<u>P35579</u>
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.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser-1803

Product Images



Western blot image of human A431 cells stimulated with calyculin A (100 nM, 30 min). The blots were untreated (lanes 1, 3 & 5) or treated with lambda phosphatase (lanes 2, 4 & 6), and probed with rabbit polyclonals Myosin IIA Heavy Chain (a.a. 1936-1950) (lanes 1 & 2), Myosin IIA Heavy Chain (Ser-1803), phospho-specific (lanes 3 & 4) or Myosin IIA Heavy Chain (Ser-1916) phospho-specific (lanes 5 & 6).

Product Page URL: www.antibodiesinc.com/products/anti-myosin-ii-a-heavy-chain-ser-1803-phosphospecific-antibody-mp5181

