Phospho-Myosin IIa (Ser1943) Ab

Cat.#: AF4425 Concn.: 1mg/ml Mol.Wt.: 226kDa Size: 50ul,100ul,200ul Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000

Reactivity: Human, Mouse, Rat

Purification: The Ab is from purified rabbit serum by affinity purification

via sequential chromatography on phospho- and non-

phospho-peptide affinity columns.

Specificity: Phospho-Myosin IIa (Ser1943) Ab detects endogenous levels

of Myosin IIa only when phosphorylated at Ser1943.

Immunogen: A synthesized peptide derived from human Myosin IIa

around the phosphorylation site of Ser1943.

Uniprot: P35579

Subcellular Location: Cytoskeleton;

Tissue Specificity: In the kidney, expressed in the glomeruli. Also expressed in

leukocvtes.

Similarity: The rodlike tail sequence is highly repetitive, showing cycles

of a 28-residue repeat pattern composed of 4 heptapeptides, characteristic for alpha-helical coiled coils.Belongs to the TRAFAC class myosin-kinesin ATPase superfamily. Myosin

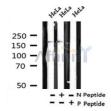
family.

Storage Condition and

Buffer:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20

°C.Stable for 12 months from date of receipt.



Western blot analysis of Phospho-Myosin IIa (Ser1943) in lysates of HeLa, using Phospho-Myosin IIa (Ser1943) Ab(AF4425).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab
in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking,
overnight.



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