

# Product Datasheet

## non-muscle Myosin IIA Antibody - BSA Free NBP2-19563

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-19563**

non-muscle Myosin IIA Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS (pH 7), 20% Glycerol
<b>Target Molecular Weight</b>	227 kDa

**Product Description**

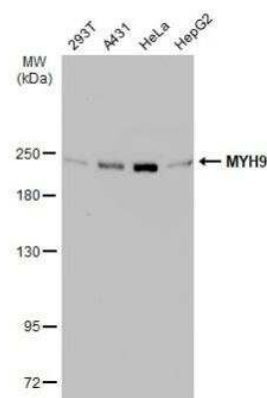
<b>Host</b>	Rabbit
<b>Gene ID</b>	4627
<b>Gene Symbol</b>	MYH9
<b>Species</b>	Human
<b>Reactivity Notes</b>	Xenopus laevis (92%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the N-terminus region of human non-muscle Myosin IIA. The exact sequence is proprietary.

**Product Application Details**

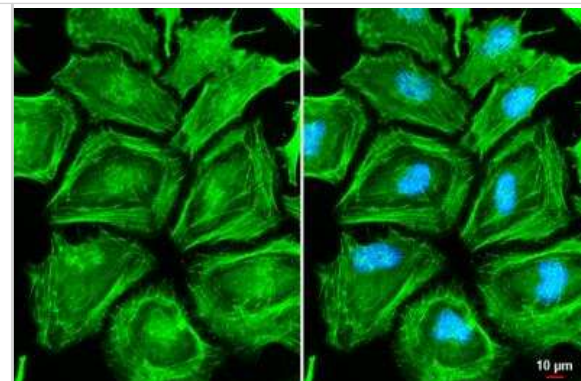
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

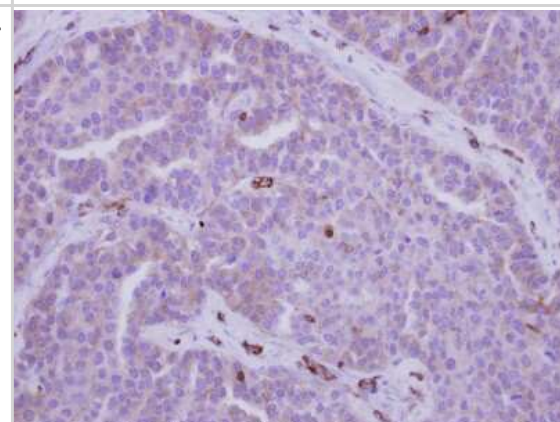
Western Blot: non-muscle Myosin IIA Antibody [NBP2-19563] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with MYH9 antibody [N1], N-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



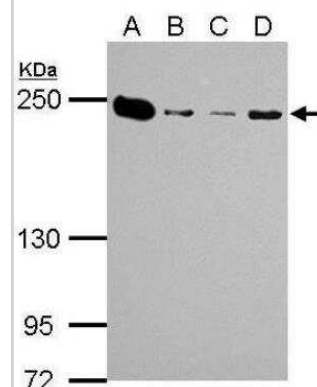
**Immunocytochemistry/Immunofluorescence: non-muscle Myosin IIA Antibody [NBP2-19563]** - Non-muscle Myosin IIA antibody detects Non-muscle Myosin IIA protein at cytoskeleton by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: Non-muscle Myosin IIA stained by Non-muscle Myosin IIA antibody diluted at 1:500. Blue: Fluoroshield with DAPI. Scale bar= 10  $\mu$ m.



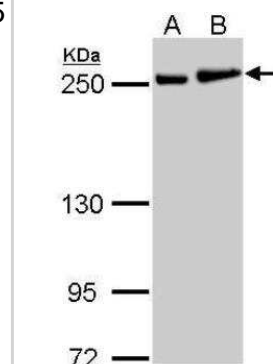
**Immunohistochemistry-Paraffin: non-muscle Myosin IIA Antibody [NBP2-19563]** - Human adenocarcinoma, using MYH9 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



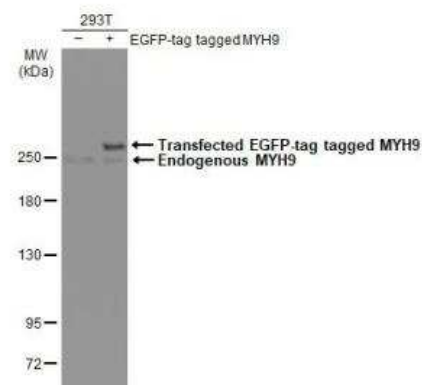
**Western Blot: non-muscle Myosin IIA Antibody [NBP2-19563]** - A. 30  $\mu$ g U87-MG whole cell lysate/extract. B. 30  $\mu$ g SK-N-SH whole cell lysate/extract. C. 30  $\mu$ g IMR32 whole cell lysate/extract. D. 30  $\mu$ g SK-N-AS whole cell lysate/extract.



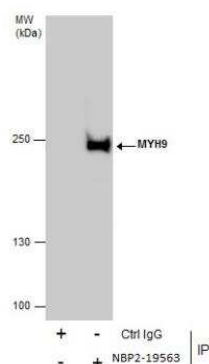
**Western Blot: non-muscle Myosin IIA Antibody [NBP2-19563]** - A. 30  $\mu$ g NT2D1 whole cell lysate/extract B. 30  $\mu$ g PC-3 whole cell lysate/extract 5 % SDS-PAGE MYH9 antibody [N1], N-term dilution: 1:1000



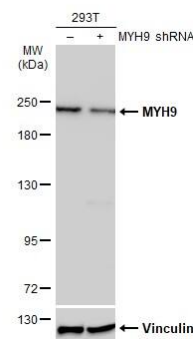
Western Blot: non-muscle Myosin IIA Antibody [NBP2-19563] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with MYH9 antibody [N1], N-term diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunoprecipitation: non-muscle Myosin IIA Antibody [NBP2-19563] - Immunoprecipitation of MYH9 protein from HeLa whole cell extracts using 5 ug of MYH9 antibody [N1], N-term. Western blot analysis was performed using MYH9 antibody [N1], N-term. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Western Blot: non-muscle Myosin IIA Antibody [NBP2-19563] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with MYH9 antibody [N1], N-term diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP2-19563**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004627-Q02-10ug	Recombinant Human non-muscle Myosin IIA GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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