

# Product Datasheet

## Myosin Phosphatase Antibody

### NBP2-75097

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-75097****Myosin Phosphatase Antibody****Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	TBS (pH 7.3), 0.5% BSA
<b>Target Molecular Weight</b>	115 kDa

**Product Description**

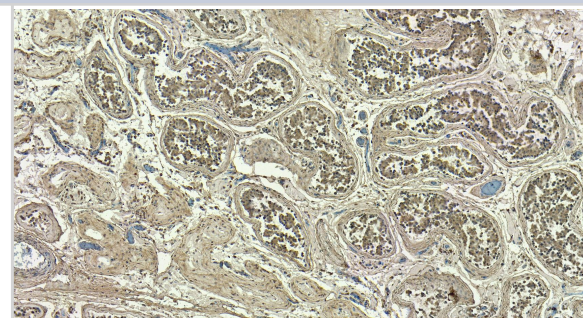
<b>Description</b>	Novus Biologicals Goat Myosin Phosphatase Antibody (NBP2-75097) is a polyclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	4659
<b>Gene Symbol</b>	PPP1R12A
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence C-REDEYKQKYSRTYD, from the C Terminus of the protein sequence according to NP_002471.1, NP_001231919.1, NP_001231921.1, NP_001137358.1.

**Product Application Details**

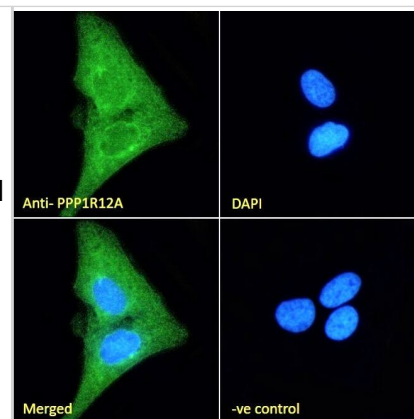
<b>Applications</b>	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Flow Cytometry 10 ug/mL, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 4 - 5 ug/ml, Peptide ELISA 1:16000

**Images**

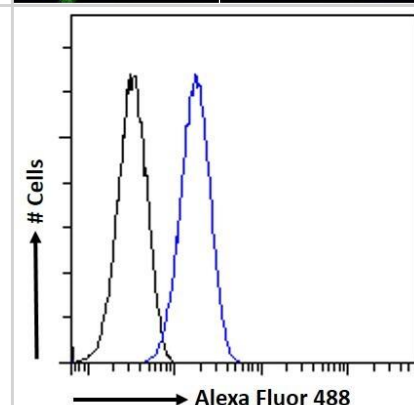
Immunohistochemistry-Paraffin: Myosin Phosphatase Antibody [NBP2-75097] - (4ug/ml) staining of paraffin embedded Human Testis. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



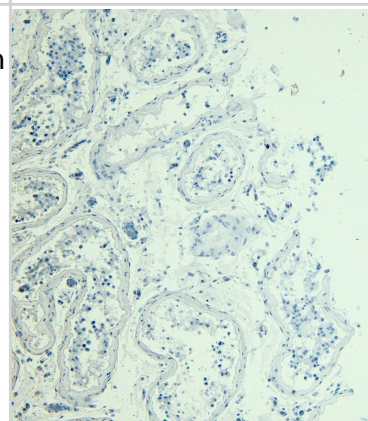
**Immunocytochemistry/Immunofluorescence: Myosin Phosphatase Antibody [NBP2-75097]** - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



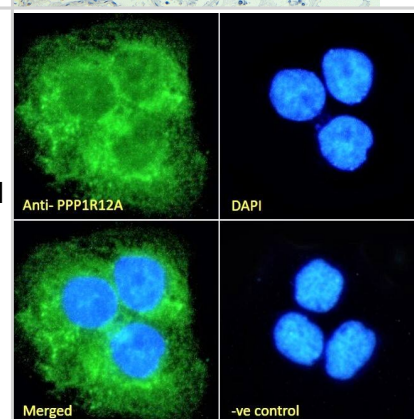
**Flow Cytometry: Myosin Phosphatase Antibody [NBP2-75097]** - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



**Immunohistochemistry-Paraffin: Myosin Phosphatase Antibody [NBP2-75097]** - Negative Control showing staining of paraffin embedded Human Testis, with no primary antibody.



**Immunocytochemistry/Immunofluorescence: Myosin Phosphatase Antibody [NBP2-75097]** - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).





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### **Products Related to NBP2-75097**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-58950PEP	Myosin Phosphatase Recombinant Protein Antigen

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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