

# Product Datasheet

## Nucleobindin 1 Antibody (OTI1A5) NBP2-01446

Unit Size: 0.1 ml

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

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**NBP2-01446****Nucleobindin 1 Antibody (OT11A5)**

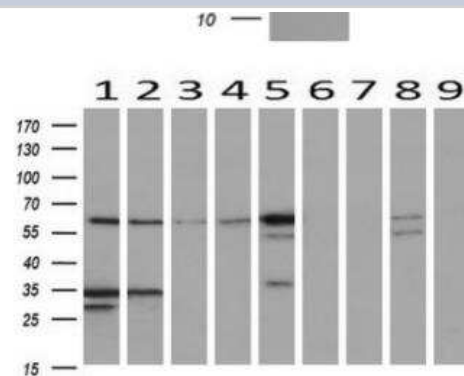
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.93 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OT11A5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	53.7 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Nucleobindin 1 Antibody (OT11A5) (NBP2-01446) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4924
<b>Gene Symbol</b>	NUCB1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Full length human recombinant protein of human NUCB1(NP_006175) produced in HEK293T cell.

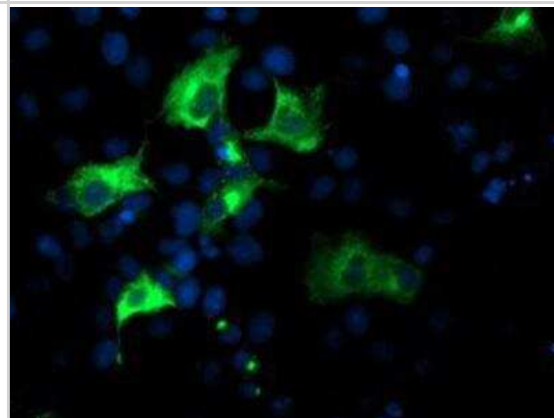
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

## Images

Western Blot: Nucleobindin 1 Antibody (1A5) [NBP2-01446] - Analysis of extracts (10ug) from 9 Human tissue by using anti-NUCB1 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon).



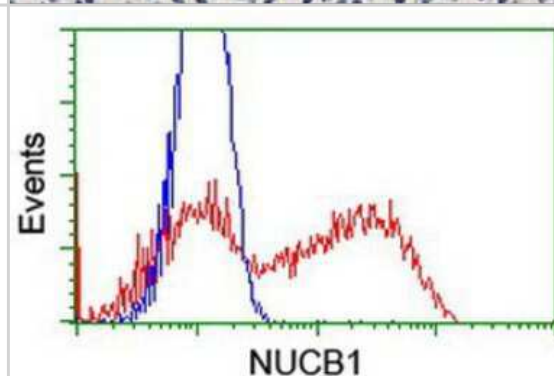
Immunocytochemistry/Immunofluorescence: Nucleobindin 1 Antibody (OT11A5) [NBP2-01446] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Nucleobindin 1.



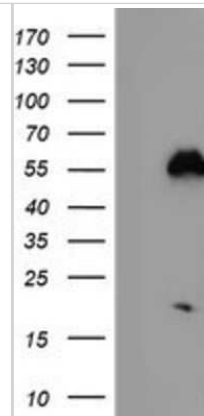
Immunohistochemistry-Paraffin: Nucleobindin 1 Antibody (1A5) [NBP2-01446] - Staining of paraffin-embedded Human endometrium tissue using anti-Nucleobindin 1 mouse monoclonal antibody.



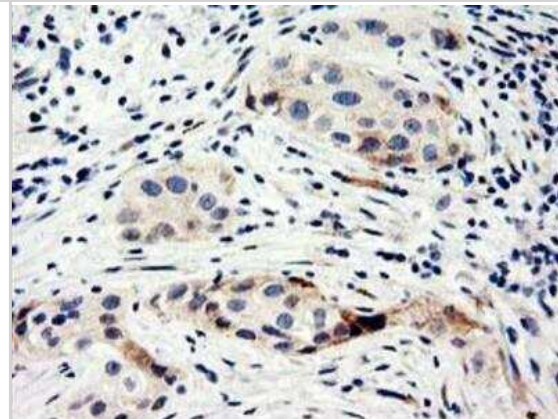
Flow Cytometry: Nucleobindin 1 Antibody (1A5) [NBP2-01446] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Nucleobindin 1 antibody, and then analyzed by flow cytometry.



Western Blot: Nucleobindin 1 Antibody (1A5) [NBP2-01446] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Nucleobindin 1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Nucleobindin 1.



Immunohistochemistry-Paraffin: Nucleobindin 1 Antibody (1A5) [NBP2-01446] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Nucleobindin 1 mouse monoclonal antibody.



## Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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### Products Related to NBP2-01446

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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