

# Product Datasheet

## Prolactin Antibody (OT16B1) - Azide and BSA Free NBP2-73609

Unit Size: 100 ug

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

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**NBP2-73609**

Prolactin Antibody (OTI6B1) - Azide and BSA Free

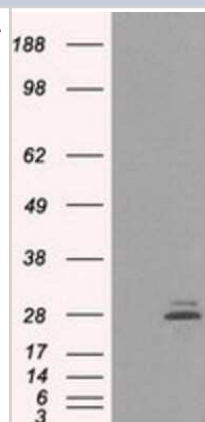
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI6B1
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	25.7 kDa

Product Description	
Description	Novus Biologicals Mouse Prolactin Antibody (OTI6B1) - Azide and BSA Free (NBP2-02142) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5617
Gene Symbol	PRL
Species	Human
Immunogen	Full length human recombinant protein of human PRL (NP_000939) produced in HEK293T cell.

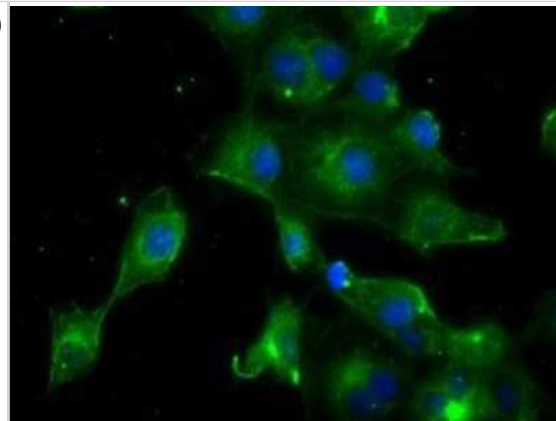
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunohistochemistry-Paraffin, CyTOF-ready

**Images**

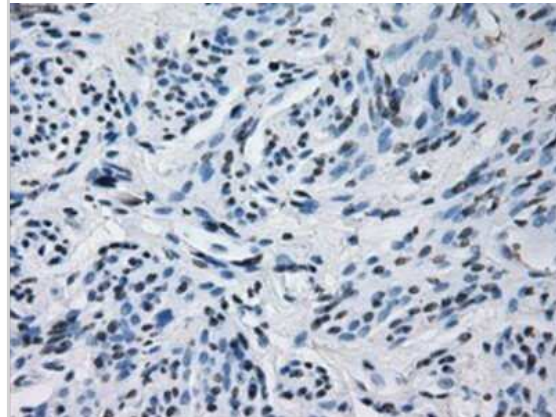
Western Blot: Prolactin Antibody (OTI6B1) - Azide and BSA Free [NBP2-73609] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Prolactin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Prolactin.



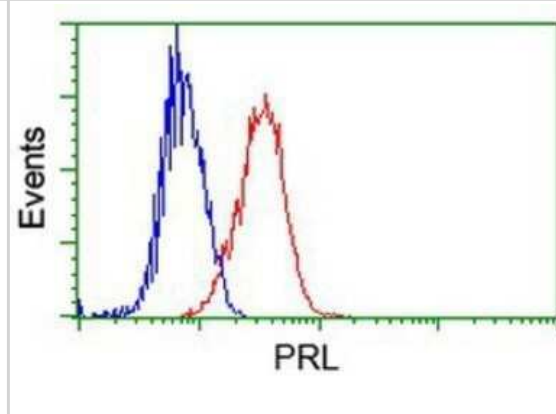
Immunocytochemistry/Immunofluorescence: Prolactin Antibody (OTI6B1) - Azide and BSA Free [NBP2-73609] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Prolactin.



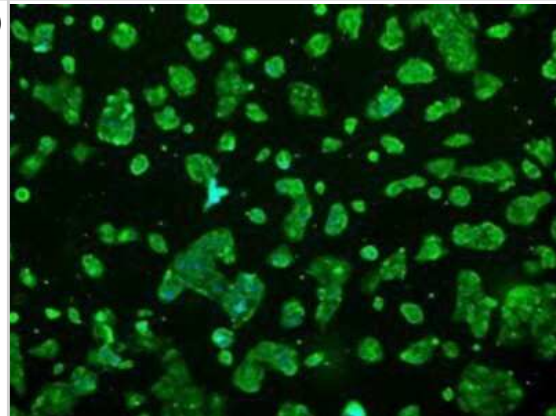
Immunohistochemistry: Prolactin Antibody (OTI6B1) - Azide and BSA Free [NBP2-73609] - Staining of paraffin-embedded Human endometrium tissue using anti-Prolactin mouse monoclonal antibody.



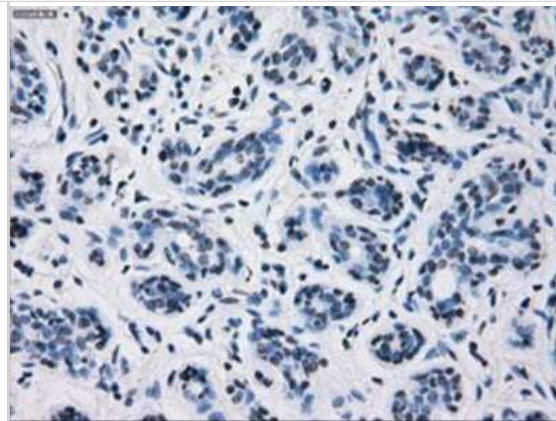
Flow Cytometry: Prolactin Antibody (OTI6B1) - Azide and BSA Free [NBP2-73609] - Analysis of Jurkat cells, using anti-Prolactin antibody, (Red), compared to a nonspecific negative control antibody (Blue).



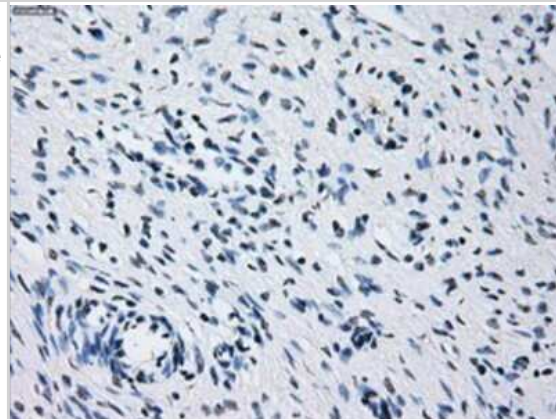
Immunocytochemistry/Immunofluorescence: Prolactin Antibody (OTI6B1) - Azide and BSA Free [NBP2-73609] - Staining of HepG2 cells using anti-Prolactin mouse monoclonal antibody.



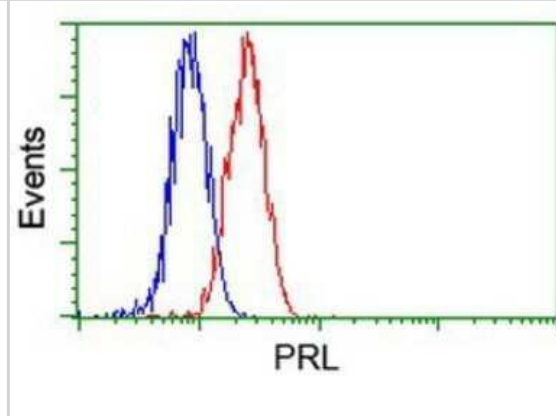
Immunohistochemistry: Prolactin Antibody (OTI6B1) - Azide and BSA Free [NBP2-73609] - Staining of paraffin-embedded Human breast tissue using anti-Prolactin mouse monoclonal antibody.



Immunohistochemistry: Prolactin Antibody (OTI6B1) - Azide and BSA Free [NBP2-73609] - Staining of paraffin-embedded Human Ovary tissue using anti-Prolactin mouse monoclonal antibody.



Flow Cytometry: Prolactin Antibody (OTI6B1) - Azide and BSA Free [NBP2-73609] - Analysis of Hela cells, using anti-Prolactin antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-73609**

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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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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