

# Product Datasheet

## Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free NBP2-71556

Unit Size: 100 ug

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

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**NBP2-71556**

Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free

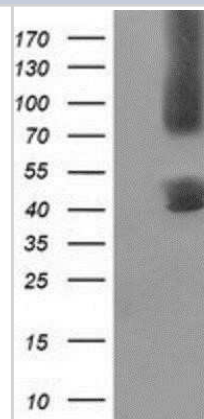
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3B6
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with PBS (pH 7.3). To use this carrier-free antibody for conjugation experiments, another round of desalting is highly recommended.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	83.3 kDa

Product Description	
Host	Mouse
Gene ID	10243
Gene Symbol	GPHN
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	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.
Immunogen	Full length human recombinant protein of human GPHN (NP_065857) produced in HEK293T cell.

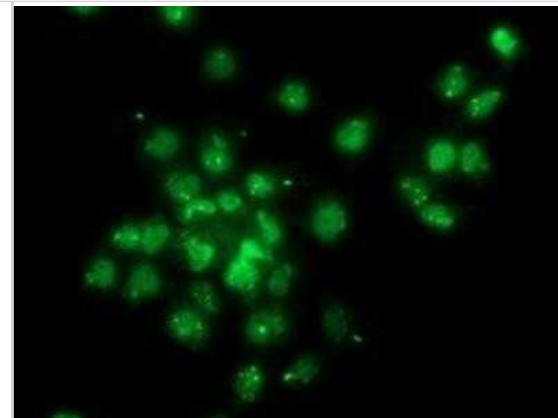
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

**Images**

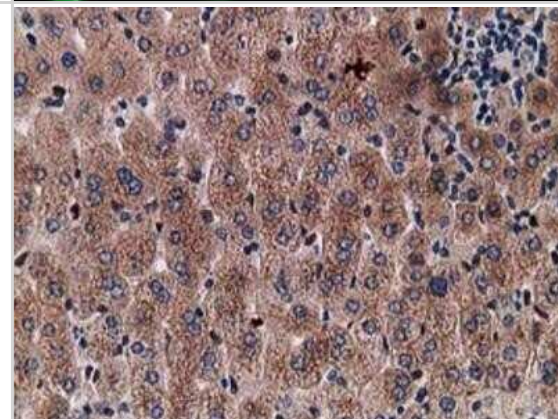
Western Blot: Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free [NBP2-71556] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Gephyrin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Gephyrin.



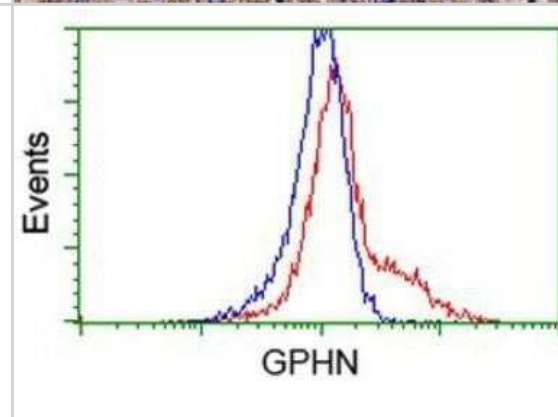
Immunocytochemistry/Immunofluorescence: Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free [NBP2-71556] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Gephyrin.



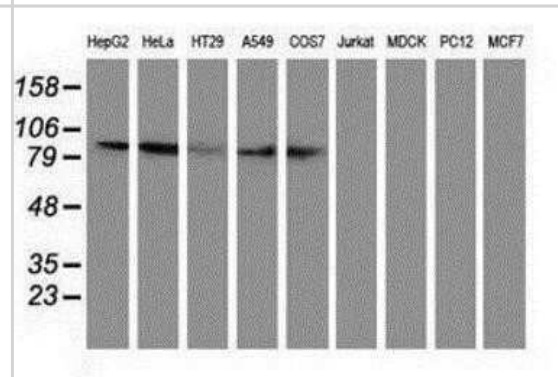
Immunohistochemistry: Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free [NBP2-71556] - Staining of paraffin-embedded Human liver tissue using anti-Gephyrin mouse monoclonal antibody.



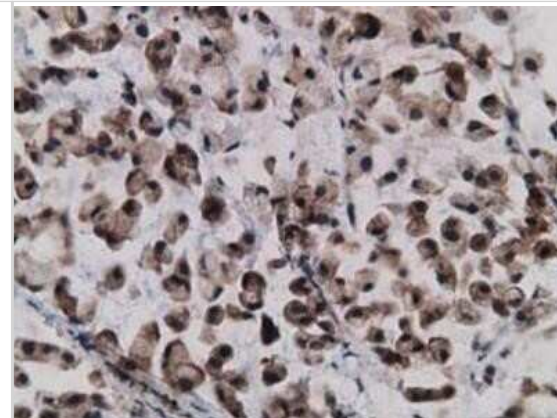
Flow Cytometry: Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free [NBP2-71556] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-Gephyrin antibody, and then analyzed by flow cytometry.



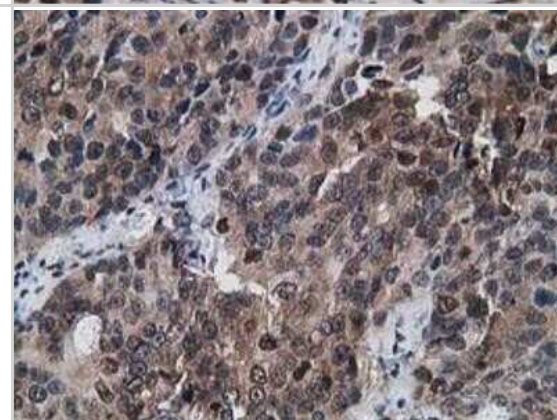
Western Blot: Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free [NBP2-71556] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Gephyrin monoclonal antibody.



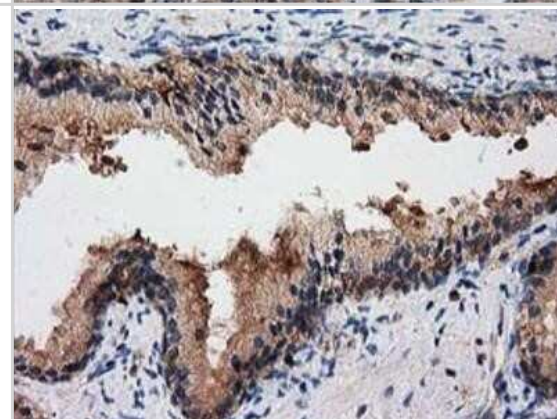
Immunohistochemistry: Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free [NBP2-71556] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Gephyrin mouse monoclonal antibody.



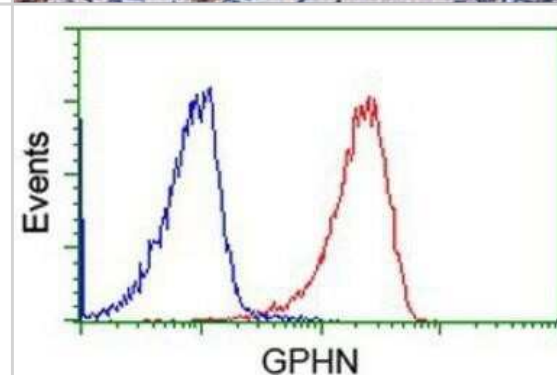
Immunohistochemistry: Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free [NBP2-71556] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Gephyrin mouse monoclonal antibody.



Immunohistochemistry: Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free [NBP2-71556] - Staining of paraffin-embedded Human prostate tissue using anti-Gephyrin mouse monoclonal antibody.



Flow Cytometry: Gephyrin/GPHN Antibody (OTI3B6) - Azide and BSA Free [NBP2-71556] - Analysis of Jurkat cells, using anti-Gephyrin antibody, (Red), compared to a nonspecific negative control antibody (Blue).





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-71556**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00010243-Q01-10ug	Recombinant Human Gephyrin/GPHN GST (N-Term) Protein

### **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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