

# Product Datasheet

## mTOR Complex 2 Antibody Pack

### NBP3-20209

Unit Size: 9 Vials

Storage is content dependent.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-20209](http://www.novusbio.com/NBP3-20209)

Updated 7/4/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-20209](http://www.novusbio.com/reviews/destination/NBP3-20209)



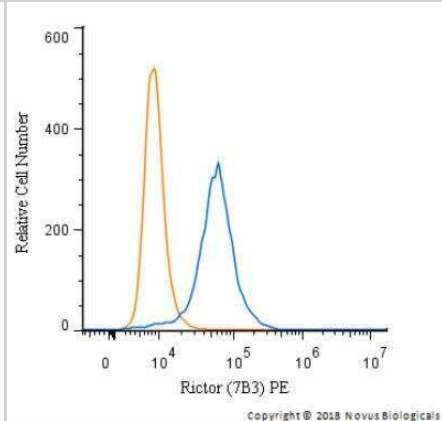
**NBP3-20209****mTOR Complex 2 Antibody Pack**

<b>Product Information</b>	
<b>Unit Size</b>	9 Vials
<b>Concentration</b>	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
<b>Storage</b>	Storage is content dependent.
<b>Product Description</b>	
<b>Description</b>	This pack contains 1 vial each of: AF15371-SP (25 ug), AF15371-SP (0.025 ml), NBP1-51645SS (25 ug), AF4004-SP (25 ug), MAB8168-SP (25 ug), AF5309-SP (0.025 ml), NBP1-49674SS (1 mL), HAF008 (1 mL), HAF007 (1 mL).
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Antibodies in this pack are validated for use in the following species: AF15371: Human, Mouse, Rat NBP1-51645: Human, Mouse, Primate AF4004: Human, Mouse, Rat MAB8168: Human AF5309: Human NBP1-49674: Bovine, Human, Mouse, Rat HAF008: Rabbit HAF007: Mouse HAF017: Goat
<b>Immunogen</b>	See individual datasheets.
<b>Kit Components</b>	AF15371-SP, NBP1-51645SS, AF4004-SP, MAB8168-SP, AF5309-SP, NBP1-49674SS, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP], HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP], HAF017: Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry
<b>Application Notes</b>	Antibodies in this pack are validated for the following applications: AF15371: Immunoprecipitation, Western Blot NBP1-51645: ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Western Blot AF4004: Immunohistochemistry, Western Blot MAB8168: Western Blot AF5309: Western Blot NBP1-49674: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated, Western Blot HAF008: Immunohistochemistry, Western Blot HAF007: Immunohistochemistry, Western Blot HAF017: Western Blot



## Images

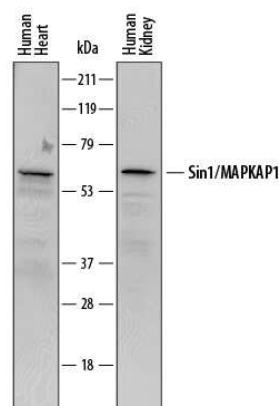
An intracellular stain was performed on HeLa cells with Rictor Antibody (7B3) NBP1-51645PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5  $\mu\text{g}/\text{mL}$  for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



G beta L was detected in immersion fixed paraffin-embedded sections of human prostate using Goat Anti-Human/Mouse/Rat G beta L Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4004) at 10  $\mu\text{g}/\text{mL}$  overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS008) and counterstained with hematoxylin (blue). Specific staining was localized to neuronal cell bodies. View our protocol for Chromogenic IHC Staining of Paraffin-embedded Tissue Sections.



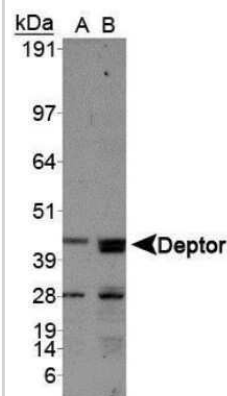
Western blot shows lysates of human heart tissue and human kidney tissue. PVDF membrane was probed with 0.2  $\mu\text{g}/\text{mL}$  of Mouse Anti-Human Sin1/MAPKAP1 Monoclonal Antibody (Catalog # MAB8168) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). Specific bands were detected for Sin1/MAPKAP1 at approximately 59-63 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



Western blot shows lysates of HepG2 human hepatocellular carcinoma cell line, Jurkat human acute T cell leukemia cell line, and MCF-7 human breast cancer cell line. PVDF membrane was probed with 1  $\mu\text{g}/\text{mL}$  of Human PRR5 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF5309) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF109). A specific band was detected for PRR5 at approximately 50 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 2.



Western blot shows lysates of (A) human liver and (B) mouse liver. PVDF membrane was probed with 1  $\mu\text{g}/\text{mL}$  of Rabbit Anti-Human DEPTOR/DEPDC6 Antigen Affinity-purified Polyclonal Antibody (Catalog # NBP1-49674) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody. This experiment was conducted under reducing conditions.





### **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  
novus@novusbio.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  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Packs 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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-20209](http://www.novusbio.com/reviews/submit/NBP3-20209)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

