

# Product Datasheet

## Rab7a Antibody (10E4) - BSA Free NBP2-60237-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-60237-100ul**

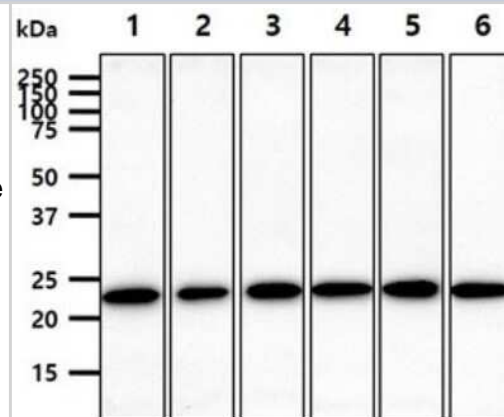
Rab7a Antibody (10E4) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	10E4
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS (pH 7.4), 10% Glycerol
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse Rab7a Antibody (10E4) - BSA Free (NBP2-60237) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7879
Gene Symbol	RAB7A
Species	Human
Immunogen	Recombinant human RAB7A (1-207aa) purified from E. coli
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Knockout Validated
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 2-5 ug, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:100, Knockout Validated Validated for Knockout from YCharOS Inc. (ycharos.com)

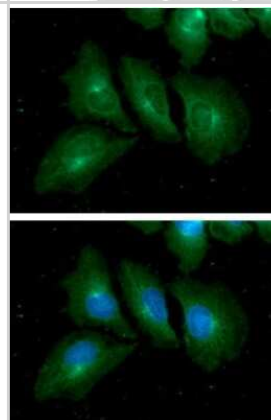


## Images

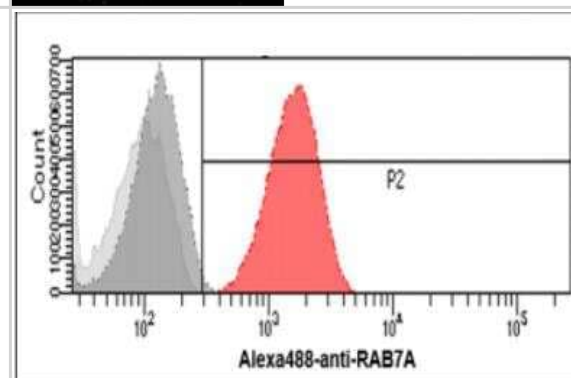
Western Blot: Rab7a Antibody (10E4) [NBP2-60237] - The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Rab7A antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: Jurkat cell lysate Lane 3.: MCF7 cell lysate Lane 4.: PC3 cell lysate Lane 5.: 293T cell lysate Lane 6.: SK-OV-3 cell lysate



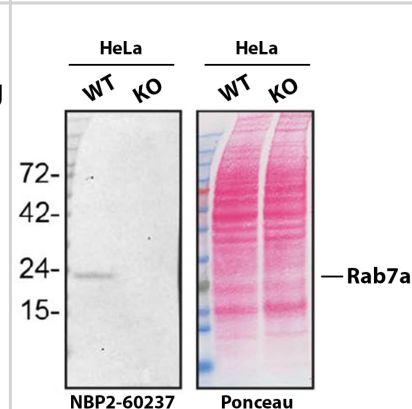
Immunocytochemistry/Immunofluorescence: Rab7a Antibody (10E4) [NBP2-60237] - Staining in HeLa cells. The secondary antibody (green) was Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



Flow Cytometry: Rab7a Antibody (10E4) [NBP2-60237] - Analysis of RAB7A in HeLa cells. The cell was stained with at 2-5ug for 1x10<sup>6</sup> cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).



Western blot shows lysates of HeLa human cervical epithelial carcinoma parental cell line and Rab7a knockout HeLa cell line (KO). Nitrocellulose membrane was probed with Rab7a Antibody (10E4) - BSA Free (Catalog # NBP2-60237) followed by HRP-conjugated secondary antibody. A specific band was detected for Rab7a at approximately 23.4 kDa (as indicated) in the parental HeLa cell line, but is not detectable in knockout HeLa cell line. Primary antibody dilution used: 1/1000. The Ponceau stained transfer of the blot is shown. This experiment was conducted under reducing conditions. Image, protocol, and testing courtesy of YCharOS Inc. See ycharos.com for additional details.





### **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 NBP2-60237-100ul**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-50961-0.1mg	Recombinant Human Rab7a His 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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