

# Product Datasheet

## **CD161/NK1.1 Antibody (PK-136) - Chimeric - Azide and BSA Free NBP3-20165-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP3-20165-0.2mg**

CD161/NK1.1 Antibody (PK-136) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	PK-136
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

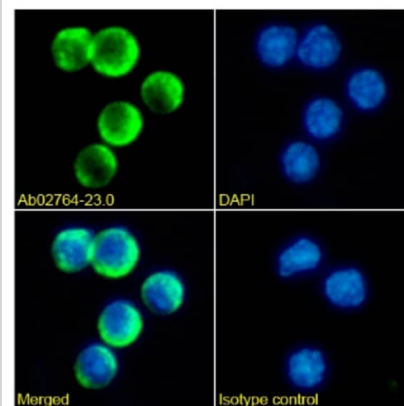
Product Description	
Host	Rabbit
Gene ID	17059
Gene Symbol	Klrb1c
Species	Mouse
Immunogen	The original antibody was generated by immunizing (C3H X BALB)F1 mice with spleen cells enriched for NK-1 cells and bone marrow cells from CE mice.

Product Application Details	
Applications	ELISA, Flow Cytometry, Cell depletion
Recommended Dilutions	Flow Cytometry, ELISA, Cell depletion
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format for improved compatibility with existing reagents assays and techniques.

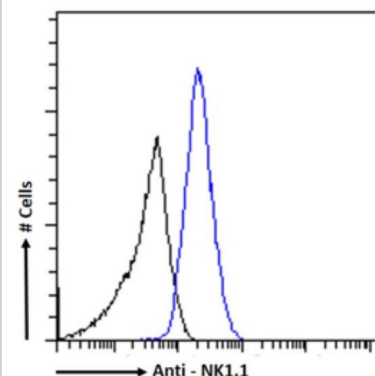


## Images

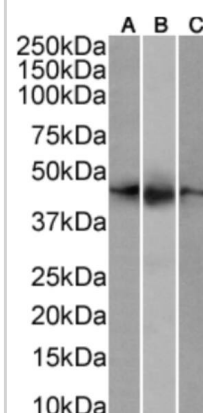
**Immunocytochemistry /Immunofluorescence: CD161/NK1.1 Antibody (PK-136) - Chimeric - Azide and BSA Free [NBP3-20165] -**  
Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes on Shi-fix coverslips stained with NBP3-20165 at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-20165, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.



**Flow Cytometry: CD161/NK1.1 Antibody (PK-136) - Chimeric - Azide and BSA Free [NBP3-20165] - Paraformaldehyde fixed mouse splenocytes**  
permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-20165 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



**Western Blot: CD161/NK1.1 Antibody (PK-136) - Chimeric - Azide and BSA Free [NBP3-20165] - RAW264.7(A) (1ug/ml) cell lysate, mouse spleen(B) (1ug/ml) and mouse lymph node(C) (0.3ug/ml) tissue lysate**  
(35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with NBP3-20165 before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.





### **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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-20165-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
210-TA-005	TNF-alpha [Unconjugated]
6507-IL-010/CF	IL-4 [Unconjugated]

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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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