

# Product Datasheet

## Fc gamma RII/CD32 Antibody NB100-1532

Unit Size: 0.1 mg

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

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**NB100-1532**

Fc gamma RII/CD32 Antibody

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	2213
<b>Gene Symbol</b>	FCGR2B
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise all reported isoforms (NP_001002273.1; NP_001002274.1; NP_001002275.1; NP_003992.3; NP_001177757.1).
<b>Immunogen</b>	Peptide with sequence C-PDALEEPDDQNRI, from the C Terminus according to NP_003992.3; NP_001002273.1; NP_001002274.1; NP_001002275.1; NP_001177757.1.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.3-1 ug/ml, ELISA 1:32000, Immunohistochemistry 6 - 8 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 6 - 8 ug/ml
<b>Application Notes</b>	WB: Approx 38 kDa band observed in Daudi lysates (calculated MW of 34.0 kDa according to NP_003992.3).

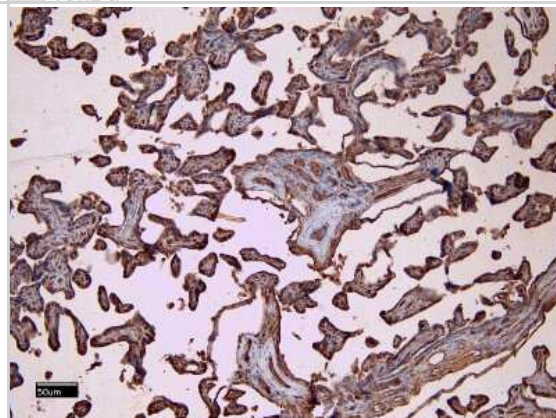


## Images

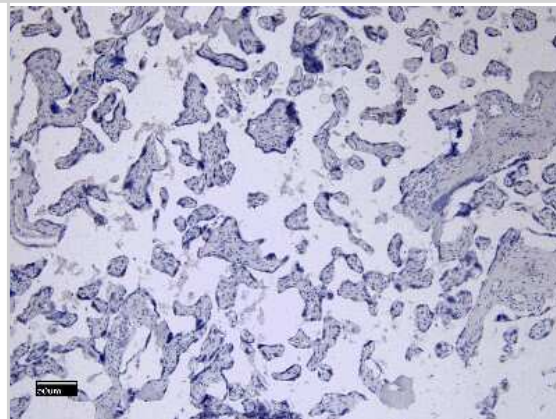
Western Blot: Fc gamma RII/CD32 Antibody [NB100-1532] - (1ug/ml) staining of Daudi cell lysate (RIPA buffer, (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

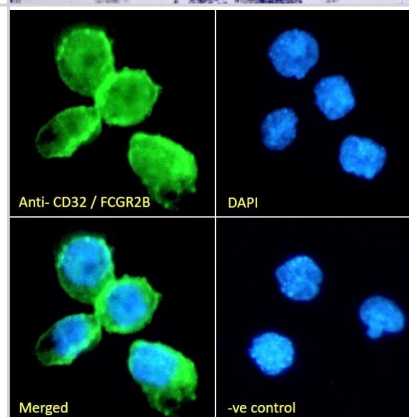
Immunohistochemistry-Paraffin: Fc gamma RII/CD32 Antibody [NB100-1532] - Staining (8ug/ml) of paraffin embedded Human Placenta. Heat induced antigen retrieval with citrate buffer pH 6, HRP-Staining.



Immunohistochemistry-Paraffin: Fc gamma RII/CD32 Antibody [NB100-1532] - Negative Control showing staining of paraffin embedded Human Placenta, with no primary antibody.



Immunocytochemistry/Immunofluorescence: Goat Polyclonal Fc gamma RII/CD32 Antibody [NB100-1532] - Immunofluorescence analysis of paraformaldehyde fixed THP-1 cells immobilized on Shifix™ coverslip, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



## Publications

Salas TR, Petrusseva I, Lavrik O et al. Evidence for direct contact between the RPA3 subunit of the human replication protein A single-strand DNA. *Nucleic Acids Res* 37(1):38-46. 2009-01-01 [PMID: 19010961]

McGaha TL, Sorrentino B, Ravetch JV. Restoration of tolerance in lupus by targeted inhibitory receptor expression. *Science*;307(5709):590-3. 2005-01-28 [PMID: 15681388]





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### **Products Related to NB100-1532**

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NBL1-10656	Fc gamma RIIB/CD32b Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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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