

# Product Datasheet

## NOD2 Antibody Pack NB100-935

Unit Size: 2 Vials

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

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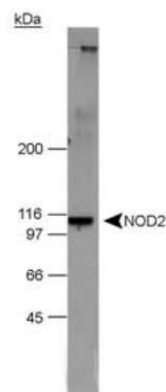
**NB100-935****NOD2 Antibody Pack**

<b>Product Information</b>	
<b>Unit Size</b>	2 Vials
<b>Concentration</b>	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Product Description</b>	
<b>Description</b>	This pack contains 1 vial each of: NB100-524 (0.1 mL) and NB500-253 (0.1 mL).
<b>Host</b>	Mouse
<b>Gene ID</b>	64127
<b>Gene Symbol</b>	NOD2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human. Other species have not been tested.
<b>Immunogen</b>	See individual datasheets.
<b>Kit Components</b>	NB500-253, NB100-524: NOD2 Antibody (2D9) - BSA Free
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	See individual datasheets for validated applications.

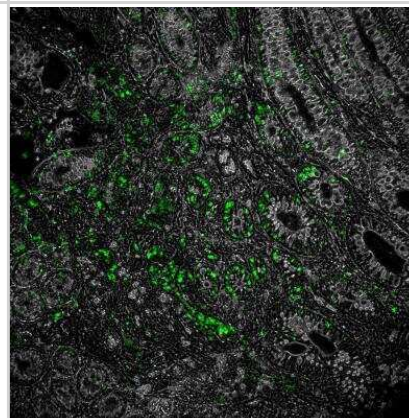


## Images

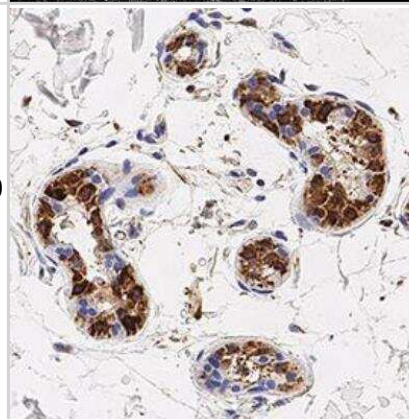
Western Blot: NOD2 Antibody Pack [NB100-935] - Detection of NOD2 in 20ug of NOD2 transfected 293T cell lysate using NB500-253. ECL detection in 15 seconds.



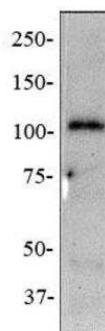
Immunohistochemistry-Frozen: NOD2 Antibody Pack [NB100-935] - Overlay of NOD2-DyLight 488 (NB100-524, green) with phase contrast of murine colon. Image from verified customer review.



Immunohistochemistry-Paraffin: NOD2 Antibody Pack [NB100-935] - Analysis of FFPE human skin using NOD2 antibody (NB500-253) at 1:250 on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10 mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching with peroxide block. The sections were incubated with primary antibody for 30 minutes and Bond Polymer Refine Detection (Leica Biosystems) with DAB was used for signal development followed by counterstaining with hematoxylin. Whole slide scanning and capturing of representative images was performed using Aperio AT2 (Leica Biosystems). Cytoplasmic staining of NOD2 was observed. Staining was performed by Histowiz.



Western Blot: NOD2 Antibody Pack [NB100-935] - anti-NOD2 (2D9) Whole cell protein from THP-1 cells was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2 ug/ml anti-NOD2 (NB100-524) in 1% milk, and detected with an anti-mouse HRP secondary antibody using chemiluminescence.





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### **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.

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