

# Product Datasheet

## Bad Antibody NB100-56080

Unit Size: 0.05 ml

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

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**NB100-56080**

Bad Antibody

| <b>Product Information</b> |  |
|----------------------------|--|
| <b>Unit Size</b>           | 0.05 ml  |
| <b>Concentration</b>       | This product is unpurified. The exact concentration of antibody is not quantifiable.   |
| <b>Storage</b>             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>           | Polyclonal   |
| <b>Preservative</b>        | 0.02% Sodium Azide   |
| <b>Isotype</b>             | IgG  |
| <b>Purity</b>              | Unpurified   |
| <b>Buffer</b>              | Whole antisera   |

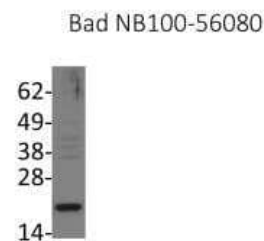
| <b>Product Description</b> |   |
|----------------------------|---|
| <b>Host</b>                | Rabbit  |
| <b>Gene ID</b>             | 572   |
| <b>Gene Symbol</b>         | BAD   |
| <b>Species</b>             | Human   |
| <b>Immunogen</b>           | A full length recombinant protein corresponding to human Bad was used as immunogen. |

| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation   |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000-1:2000, Immunohistochemistry 1:2000, Immunocytochemistry/ Immunofluorescence 1:500-1:2000, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:2000 |

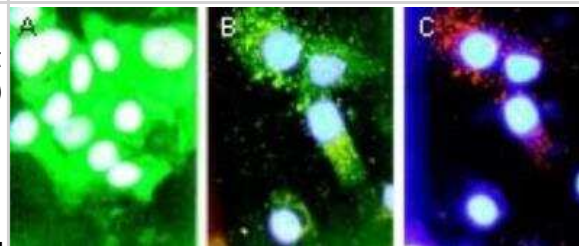


## Images

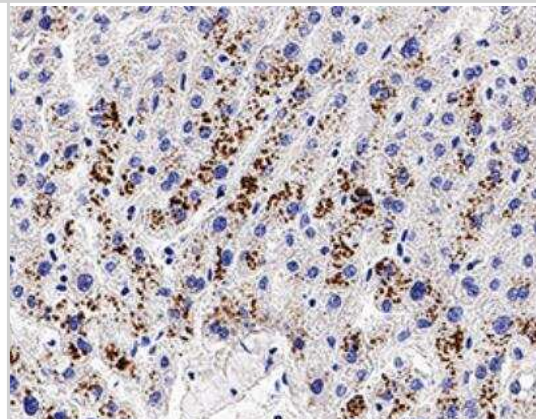
Western Blot: Bad Antibody [NB100-56080] - Analysis of Bad in Daoy whole cell lysate using anti-Bad antibody. Image from verified customer review.



Immunocytochemistry/Immunofluorescence: Bad Antibody [NB100-56080] - Immunofluorescence microscopy of BAD using NB100-56080 at 1:2000. Du145 human prostate carcinoma cells were cultured without (A) or with (B) and (C) 1  $\mu$ M of the triphosphatase inhibitor thapsigargin (THG) for 12 hr. A and B, staining with BAD antibody, followed by a FITC-conjugated secondary antibody. C, staining with a mitochondrial marker (antibody to mitochondrial Hsp60), followed by a rhodamine-conjugated secondary antibody. THG induces  $Ca^{2+}$  release from internal stores which can promote apoptosis. BAD staining was located diffusely throughout the cytoplasm of untreated cells (A), and localized to the mitochondria in treated cells (B).



Immunohistochemistry-Paraffin: Bad Antibody [NB100-56080] - IHC analysis of formalin fixed paraffin-embedded (FFPE) human liver using 1:2000 conc. of Bad antibody on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM 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 Bad was observed. Staining was performed by Histowiz.





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### **Products Related to NB100-56080**

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|            |   |
|------------|---|
| NBL1-07900 | Bad Overexpression Lysate                           |
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit 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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