

# Product Datasheet

## Pro-apoptotic Bcl-2 Family Antibody Pack NBP3-20201

Unit Size: 11 Vials

Storage is content dependent.

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**NBP3-20201**

## Pro-apoptotic Bcl-2 Family Antibody Pack

**Product Information**

<b>Unit Size</b>	11 Vials
<b>Concentration</b>	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
<b>Storage</b>	Storage is content dependent.

**Product Description**

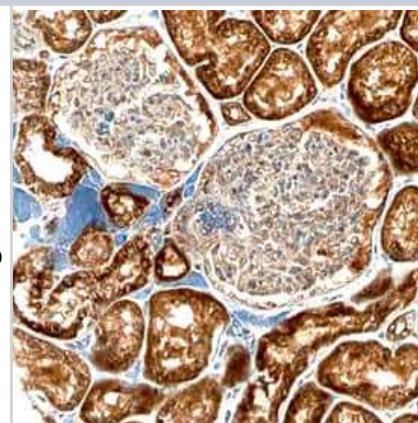
<b>Description</b>	This pack contains 1 vial each of: MAB6405-SP (0.025 mg), MAB846-SP (0.025 mg), AF5474-SP (0.025 mg), NBP2-53088SS (0.025 ml), AF860-SP (0.025 mg), MAB8161-SP (0.025 mg), NB500-261SS (0.025 ml), HAF007 (1.0 ml), HAF008 (1.0 ml), HAF017 (1.0 ml) and HAF016 (1.0 ml).
<b>Species</b>	Human
<b>Reactivity Notes</b>	Antibodies in this pack are validated for use in the following species: MAB6405: Human MAB846: Human AF5474: Human NBP2-53088: Human, Mouse AF860: Human, Mouse MAB8161: Human NB500-261: Human HAF008: Rabbit HAF007: Mouse HAF016: Sheep HAF017: Goat
<b>Immunogen</b>	See individual datasheets.
<b>Kit Components</b>	MAB6405-SP, MAB846-SP, AF5474-SP, NBP2-53088SS, AF860-SP, MAB8161-SP, NB500-261SS, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP], HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP], HAF016: Donkey anti-Sheep IgG Secondary Antibody [HRP], HAF017: Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]

**Product Application Details**

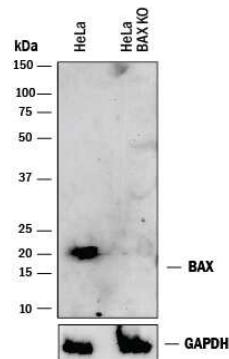
<b>Applications</b>	Western Blot, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry
<b>Application Notes</b>	Antibodies in this pack are validated for the following applications:  MAB6405: Immunocytochemistry, Immunohistochemistry, Knockout Validated, Western Blot MAB846: Immunocytochemistry, Knockout Validated, Western Blot AF5474: Immunohistochemistry, Western Blot NBP2-53088: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Western Blot AF860: Immunoprecipitation, Simple Western, Western Blot MAB8161: Immunocytochemistry, Western Blot NB500-261: Immunocytochemistry/Immunofluorescence, Western Blot HAF008: Immunohistochemistry, Western Blot HAF007: Immunohistochemistry, Western Blot HAF016: Immunohistochemistry, Simple Western, Western Blot HAF017: Western Blot

## Images

Bad was detected in immersion fixed paraffin-embedded sections of human kidney using Mouse Anti-Human/Mouse/Rat Bad Monoclonal Antibody (Catalog # MAB6405) at 15  $\mu$ g/mL overnight at 4 °C. Before incubation with the primary antibody, tissue was subjected to heat-induced epitope retrieval using Antigen Retrieval Reagent-Basic (Catalog # CTS013). Tissue was stained using the Anti-Mouse HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS002) and counterstained with hematoxylin (blue). Specific staining was localized to cytoplasm of epithelial cells in convoluted tubules. View our protocol for Chromogenic IHC Staining of Paraffin-embedded Tissue Sections.



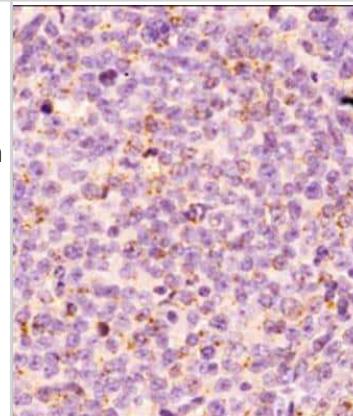
Western blot shows lysates of HeLa human cervical epithelial carcinoma parental cell line and Bax knockout HeLa cell line (KO). PVDF membrane was probed with 1  $\mu$ g/mL of Mouse Anti-Human Bax Minus C-Terminus Monoclonal Antibody (Catalog # MAB846) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). A specific band was detected for Bax at approximately 20 kDa (as indicated) in the parental HeLa cell line, but is not detectable in knockout HeLa cell line. GAPDH (Catalog # MAB5718) is shown as a loading control. This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



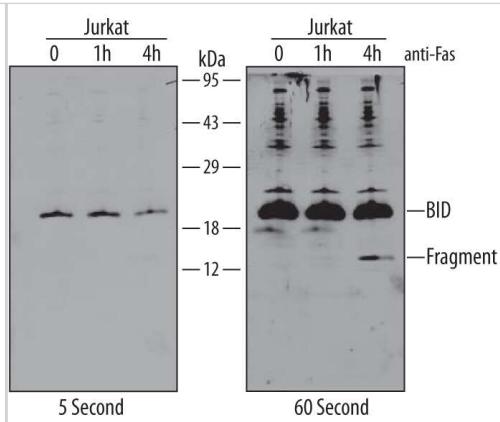
BIK was detected in immersion fixed paraffin-embedded sections of human lymphoma tissue using Sheep Anti-Human BIK Antigen Affinity-purified Polyclonal Antibody (Catalog # AF5474) at 10  $\mu$ g/mL overnight at 4 °C. Before incubation with the primary antibody tissue was subjected to heat-induced epitope retrieval using Antigen Retrieval Reagent-Basic (Catalog # CTS013). Tissue was stained using the Anti-Sheep HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS019) and counterstained with hematoxylin (blue). View our protocol for Chromogenic IHC Staining of Paraffin-embedded Tissue Sections.



IHC analysis of a formalin fixed and paraffin embedded tissue section of human endometrial cancer xenograft using Bim antibody (NBP2-53088) at 1:50 dilution. The signal was detected using HRP labeled secondary antibody and DAB staining method which followed counter-staining with hematoxylin. The antibody generated a specific cytoplasmic staining with punctate appearance, signifying Bim/Bcl2L11 presence on mitochondria.



Western blot shows Jurkat human acute T cell leukemia cell line treated with apoptosis inducer anti-Fas for the indicated times. PVDF membrane was probed with 1  $\mu$ g/mL Goat Anti-Human/Mouse BID Antigen Affinity-purified Polyclonal Antibody (Catalog # AF860) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF109). A specific band was detected for BID at approximately 20 kDa (as indicated). For additional reference short (5 seconds, left panel) and long (60 seconds, right panel) exposures are shown. This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 2.



Western blot shows lysates of Jurkat human acute T cell leukemia cell line, 293T human embryonic kidney epithelial cell line, and Daudi human Burkitt's lymphoma cell line. PVDF membrane was probed with 1  $\mu$ g/mL of Mouse Anti-Human BAK Monoclonal Antibody (Catalog # MAB8161) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for BAK at approximately 23 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 2.



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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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