

# Product Datasheet

## Caspase-8 Antibody (90A992) - Azide and BSA Free NBP2-80616

Unit Size: 0.1 mg

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

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**NBP2-80616**

Caspase-8 Antibody (90A992) - Azide and BSA Free

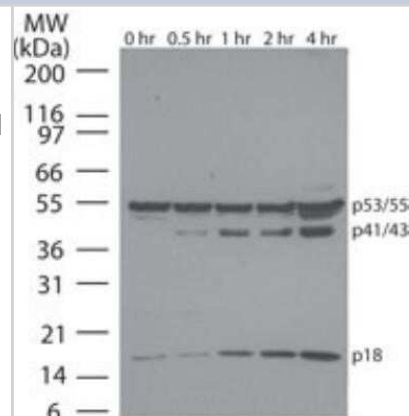
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 mg   |
| Concentration       | 1 mg/ml  |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal   |
| Clone               | 90A992   |
| Preservative        | No Preservative  |
| Isotype             | IgG1   |
| Purity              | Protein G purified   |
| Buffer              | PBS  |

| Product Description |  |
|---------------------|--|
| Host                | Mouse  |
| Gene ID             | 841  |
| Gene Symbol         | CASP8  |
| Species             | Human, Primate   |
| Reactivity Notes    | Chimpanzee and Rhesus Monkey reactivity noted.   |
| Immunogen           | The immunogen for this product falls between amino acids 360-385 of the human Caspase 8 protein. |

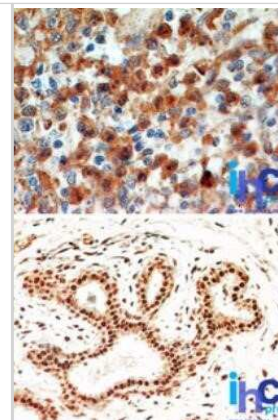
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready   |
| Recommended Dilutions       | Western Blot 0.5-2 ug/ml, Simple Western 1:100, Flow Cytometry 0.1-0.5 ug/ml, Immunohistochemistry reported in scientific literature (PMID 31034097), Immunohistochemistry-Paraffin 4 ug/ml, CyTOF-ready                               |
| Application Notes           | In Simple Western only 10 - 15 ul of the recommended dilution is used per data point.<br>See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 1:100. This antibody is CyTOF ready. |

**Images**

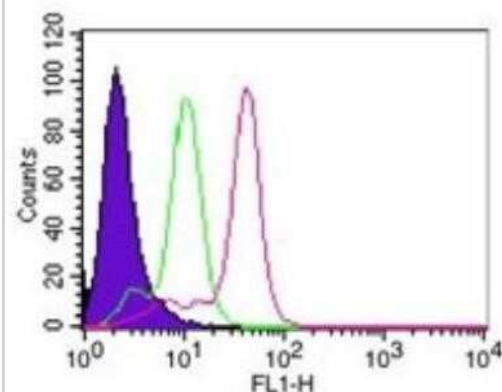
Western Blot: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Western blot analysis of Caspase-8 in Jurkat cells using Caspase-8 antibody at 1 ug/ml. Cells were treated with 2 uM staurosporine for different time periods. Caspase-8 activation is detected in western blots by the presence of Caspase-8 cleavage fragments. The antibody detected both pro (full length) and active (cleaved) Caspase-8, depending on the treatment time points. A basal level of endogenously cleaved Caspase-8 can be seen in untreated Jurkat cells. Goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test. Image from the standard format of this antibody.



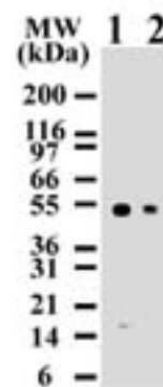
**Immunohistochemistry-Paraffin: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Formalin-fixed, paraffin-embedded human spleen (top) and breast (bottom) stained with Caspase-8 antibody at 4 ug/ml. Localization can be cytoplasmic and nuclear. Cancer/normal adjacent tissue array was used for this test. Staining of formalin-fixed tissue**



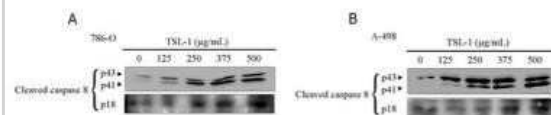
**Flow Cytometry: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Flow cytometric analysis of Caspase-8 in HeLa cells using 0.1 ug of Caspase-8 antibody. Shaded histogram represents cells without antibody; green represents isotype control; red represents Caspase-8 antibody. Goat anti-mouse IgG-FITC secondary antibody was used for this test. IC-Flow (Intracellular Staining Flow Cytometry Kit) was used to fix and prepare the cells for staining. Image from the standard format of this antibody.**



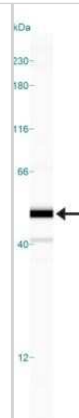
**Western Blot: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Analysis using the Biotin conjugate of NB100-56527. Detection of human Caspase-8 using Jurkat lysates with NB100-55786 at 2 ug/ml (lane 1) and 0.5 ug/ml (lane 2) dilution. NB100-55786 only detects 55 kDa Caspase-8 in Jurkat cells.**



**Western Blot: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Caspase-8 expression in 786-O and A-498 cells**  
Image from the standard format of this antibody.



Simple Western: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Simple Western lane view shows a specific band for Caspase 8 in 0.5 mg/ml of Hek293 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





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### **Products Related to NBP2-80616**

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|                  |   |
|------------------|---|
| NBP3-11853       | Jurkat Staurosporine Treated / Untreated Cell Lysate    |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |

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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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