

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

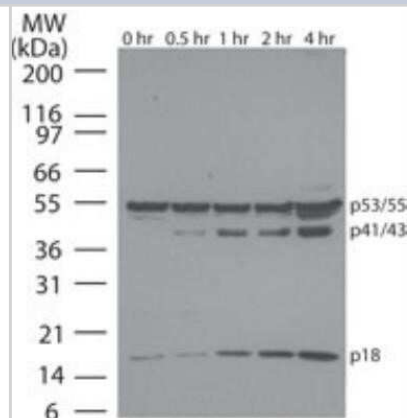
Host	Mouse
Gene ID	841
Gene Symbol	CASP8
Species	Human, Primate
Reactivity Notes	Chimpanzee and Rhesus Monkey reactivity noted.
Immunogen	The immunogen for this product falls between amino acids 360-385 of the human Caspase 8 protein.

Product Application Details

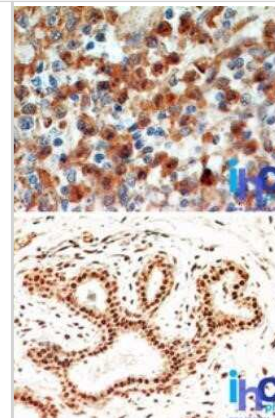
Applications	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Simple Western 1:100, Flow Cytometry 0.1-0.5 ug/ml, Immunohistochemistry reported in scientific literature (PMID 31034097), Immunohistochemistry-Paraffin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

Images

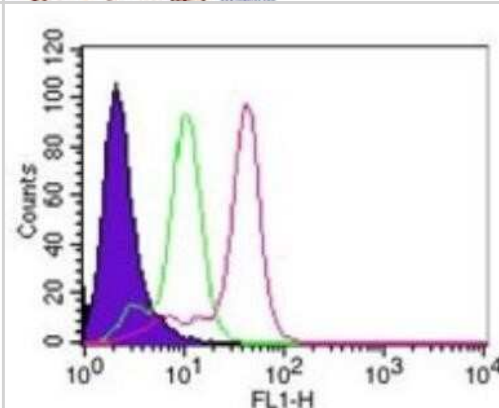
Western Blot: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Western blot analysis of Caspase-8 in Jurkat cells using Caspase-8 antibody at 1 ug/ml. Cells were treated with 2 uM staurosporine for different time periods. Caspase-8 activation is detected in western blots by the presence 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.



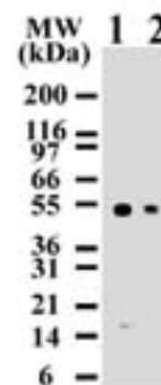
Immunohistochemistry-Paraffin: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Formalin-fixed, paraffin-embedded human spleen (top) and breast (bottom) stained with Caspase-8 antibody at 4 ug/ml. Localization can be cytoplasmic and nuclear. Cancer/normal adjacent tissue array was used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



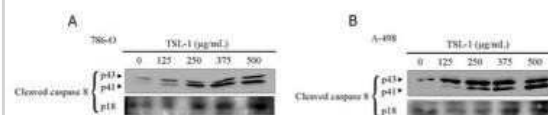
Flow Cytometry: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Flow cytometric analysis of Caspase-8 in HeLa cells using 0.1 ug of Caspase-8 antibody. Shaded histogram represents cells without antibody; green represents isotype control; red represents Caspase-8 antibody. Goat anti-mouse 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.



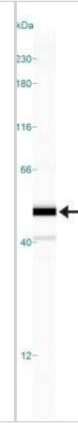
Western Blot: Caspase-8 Antibody (90A992) - Azide and BSA Free [NBP2-80616] - Analysis using the Biotin conjugate of NB100-56527. Detection of human Caspase-8 using Jurkat lysates with NB100-55786 at 2 ug/ml (lane 1) and 0.5 ug/ml (lane 2) dilution. NB100-55786 only detects 55 kDa Caspase-8 in Jurkat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

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)

Limitations

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