

Caspase 8 Monoclonal Antibody (90A992)

Product Details	
Size	100 µg
Species	Human, Non-human primate
Published Species	Mouse, Human
Expression System	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	90A992
Conjugate	Unconjugated
Immunogen	Human Caspase-8 amino acids PVETDSEEQP
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.05% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_1071016

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	4 µg/mL	-
Western Blot (WB)	0.5-2 µg/mL	3 Publications
Immunohistochemistry (IHC)	-	2 Publications

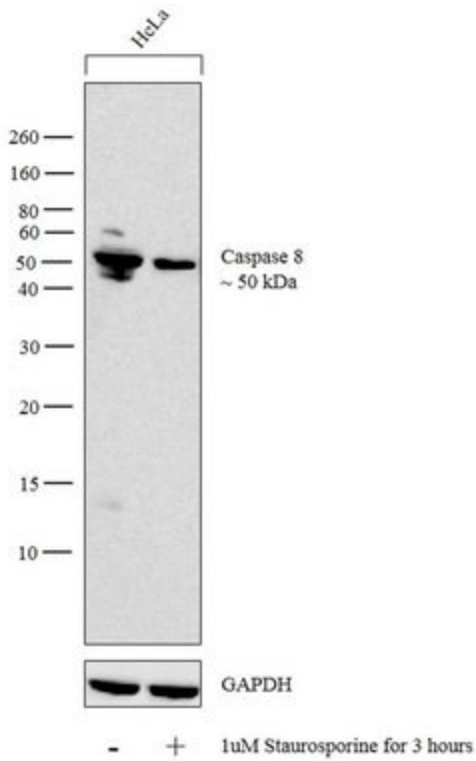
Product Specific Information

MA1-41280 detects Caspase-8 in human, Rhesus monkey, and chimpanzee samples. Suggested positive control: Jurkat, antigen standard for CASP8 (transient overexpression lysate), Jurkat whole cell lysate.

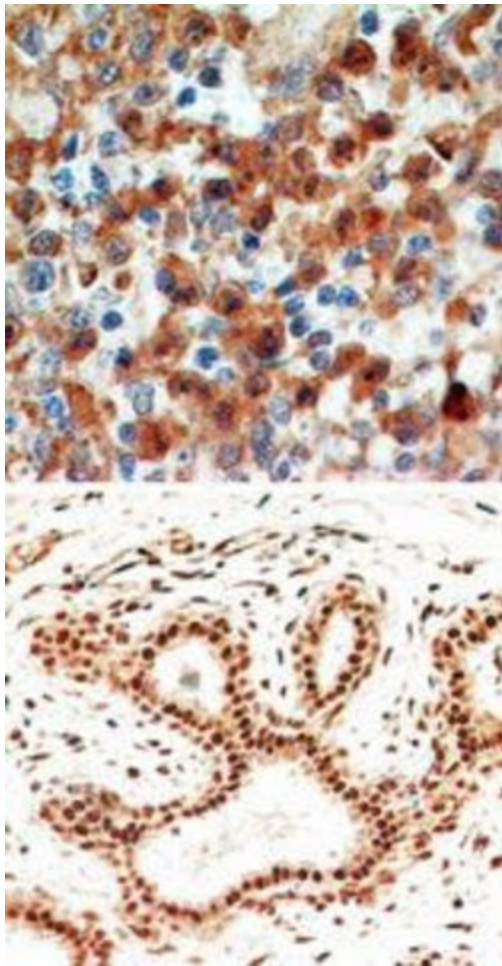
Advanced Verification Data

Caspase 8 Antibody (MA1-41280)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western blot analysis of Caspase 8 using with Anti-Caspase 8 Monoclonal Antibody (90A992) (Product # MA1-41280) shows a reduction of total Caspase 8 upon Staurosporine treatment in HeLa cell line. Cell treatment validation info.



Product Images For Caspase 8 Monoclonal Antibody (90A992)

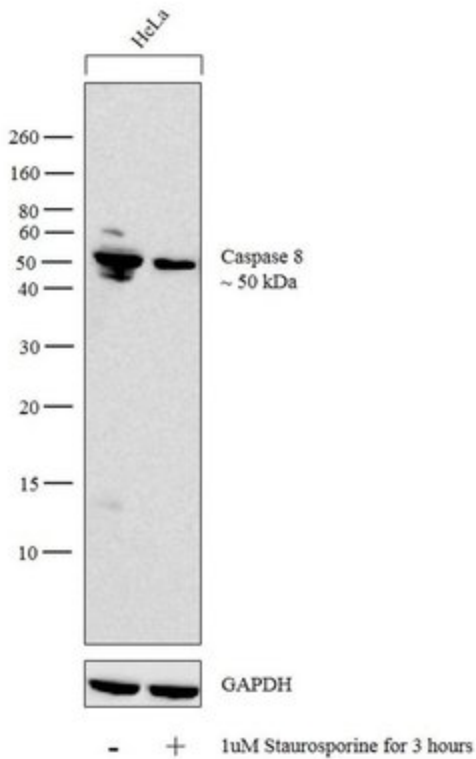


Caspase 8 Antibody (MA1-41280) in IHC (P)

Immunohistochemistry analysis of formalin-fixed, paraffin-embedded human spleen (top) and breast (bottom) stained using a Caspase 8 monoclonal antibody (Product # MA1-41280) at 4 $\mu\text{g}/\text{mL}$. Localization can be cytoplasmic and nuclear. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.

Caspase 8 Antibody (MA1-41280) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of HeLa (Lane 1) and HeLa treated with Staurosporine (1 µM for 3 hours) (Lane 2). The blot was probed with Anti-Caspase 8 Monoclonal Antibody (90A992) (Product # MA1-41280, 1 µg/ml dilution) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.25 µg/ml, 1:4000 dilution). A 50 kDa band corresponding to Caspase 8, was observed in HeLa and was reduced upon Staurosporine treatment.



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Western Blot (3)

International journal of molecular sciences

In Vitro Effects of Vaspin on Porcine Granulosa Cell Proliferation, Cell Cycle Progression, and Apoptosis by Activation of GRP78 Receptor and Several Kinase Signaling Pathways Including MAP3/1, AKT, and STAT3.

"MA1-41280 was used in Western Blotting to examine the effect of vaspin on granulosa (Gc) proliferation, cell cycle regulation, and apoptosis."

Authors: Kurowska P,Mlyczyska E,Dawid M,Opydo-Chanek M,Dupont J,Rak A

Species
Not Applicable

Dilution
1:500

Year
2019

Molecular medicine reports

5bromo3(3hydroxyprop1ynyl)2Hpyran2one induces apoptosis in T24 human bladder cancer cells through mitochondria-dependent signaling pathways.

"MA141280 was used in western blot to determine the effect of 5-bromo-3-(3-hydroxyprop-1-ynyl)-2H-pyran-2-one on the induction of apoptosis and cell cycle arrest in human bladder carcinoma cells"

Authors: Yu GQ,Dou ZL,Jia ZH

Species
Human
Not Applicable

Dilution
1:1000
Not Cited

Year
2017

[View more WB references on thermofisher.com](#)

Immunohistochemistry (2)

International journal of molecular medicine

Telomerase reverse transcriptase interference synergistically promotes tumor necrosis factorrelated apoptosisinducing ligandinduced oral squamous cell carcinoma apoptosis and suppresses proliferation in vitro and in vivo.

"MA1-41280 was used in Immunohistochemistry to investigate the endogenous effects and mechanisms of hTERT inhibition and TRAIL overexpression on TRAIL-induced apoptosis of human oral squamous cell carcinoma (OSCC) cells."

Authors: Zhao X,Zhang C,Le Z,Zeng S,Pan C,Shi J,Wang J,Zhao X

Species
Mouse
Not Applicable

Dilution
1:50
Not Cited

Year
2018

Journal of clinical pathology

Dysregulation of the intrinsic apoptotic pathway mediates megakaryocytic hyperplasia in myeloproliferative neoplasms.

"MA141280 was used in immunohistochemistry to elucidate the intrinsic and extrinsic apoptotic pathways of megakaryocytes in human the intrinsic and extrinsic apoptotic pathways of megakaryocytes in human"

Authors: Malherbe JA,Fuller KA,Mirzai B,Kavanagh S,So CC,Ip HW,Guo BB,Forsyth C,Howman R,Erber WN

Species
Human

Dilution
Not Cited

Year
2016

More applications with references on thermofisher.com

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