Caspase 8 Monoclonal Antibody (90A992)

Product Details	
Size	100 µg
Species Reactivity	Human, Non-human primate
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	90A992
Conjugate	Unconjugated
Immunogen	Amino acids 360-385 of the human Caspase 8 protein.
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

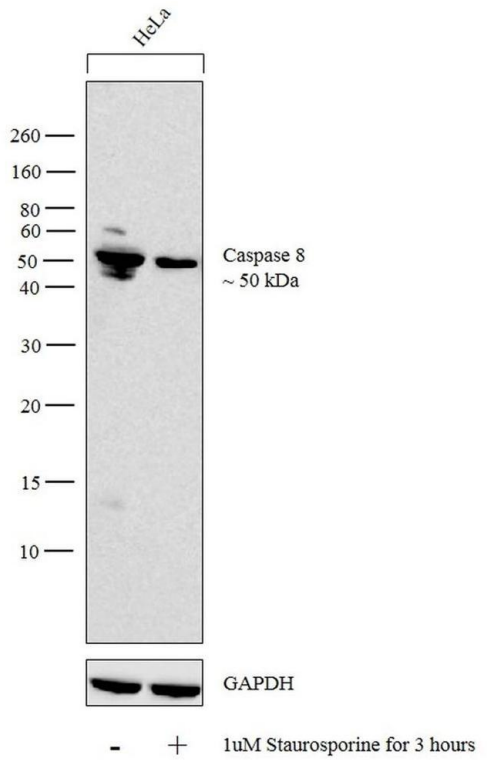
Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-2 µg/mL	6 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	4 µg/mL	-
Flow Cytometry (Flow)	0.1-0.5 µg/mL	-

Product Specific Information

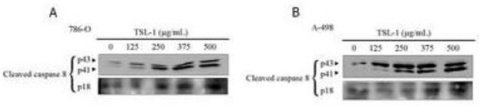
MA1-41280 detects Caspase-8 in human, Rhesus monkey, and chimpanzee samples.

Suggested positive control: Jurkat, antigen standard for CASP8 (transient overexpression lysate), Jurkat whole cell lysate.

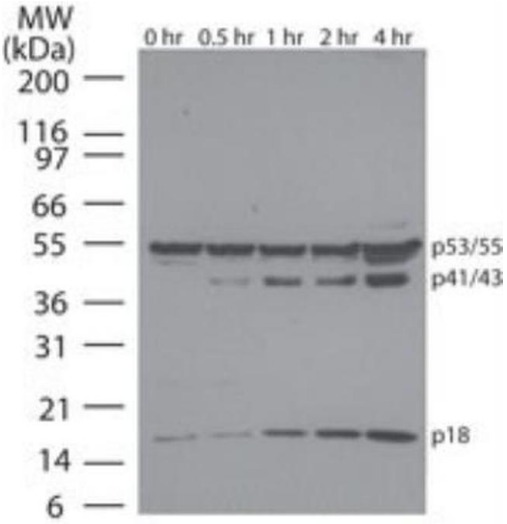
Product Images For Caspase 8 Monoclonal Antibody (90A992)



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. {TM}



Caspase 8 Antibody (MA1-41280) in WB
Western blot analysis of Caspase 8 in 786-O and A-498 cells. Sample was incubated in Caspase 8 monoclonal antibody (Product # MA1-41280).



Caspase 8 Antibody (MA1-41280) in WB
Western blot analysis of Caspase 8 in Jurkat cells . Samples were incubated in Caspase 8 monoclonal antibody (Product # MA1-41280) using a dilution of 1 µg /mL followed by a goat anti-mouse lg HRP secondary antibody. Cells were treated with 2 µM staurosporine for different time periods. Caspase-8 activation is detected in s 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 see in untreated Jurkat cells. PicoTect ECL substrate solution was used for this test.

View more figures on thermofisher.com

8 References

Western Blot (6)

International journal of molecular sciences

Antiproliferative, Antioxidant, Chemopreventive and Antiangiogenic Potential of Chromatographic Fractions from *Anemonia sulcata* with and without Its Symbiont *Symbiodinium* in Colorectal Cancer Therapy.

"MA1-41280 was used in Western Blotting to investigate the composition and bioactive potential of Anemonia sulcata and its symbiont Symbiodinium, with a focus on identifying bioactive compounds for potential use in the management of colorectal cancer."

Authors: Peña M,Mesas C,Perazzoli G,Martínez R,Porres JM,Doello K,Prados J,Melguizo C,Cabeza L

Year 2023

Species Human

Dilution 1:1,000

International journal of molecular sciences

Anti-Apoptotic Effect of Apelin in Human Placenta: Studies on BeWo Cells and Villous Explants from Third-Trimester Human Pregnancy.

"Published figure using Caspase 8 monoclonal antibody (Product # MA1-41280) in Western Blot"

Authors: Mlyczyska E,Myszka M,Kurowska P,Dawid M,Milewicz T,Baajewicz-Nowak M,Kowalczyk P,Rak A

Year 2021

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

Year 2018

Species Mouse

Dilution 1:50

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

Year 2016

Species Human

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