

Caspase 8 Monoclonal Antibody (8CSP03 (4.1.20))

Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	8CSP03 (4.1.20)
Conjugate	Unconjugated
Immunogen	Recombinant full length human Caspase 8 protein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10987477

Applications	Tested Dilution	Publications
Western Blot (WB)	2-4 µg/mL	-
Immunocytochemistry (ICC/IF)	-	1 Publication
Immunoprecipitation (IP)	2 µg/mL	-
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

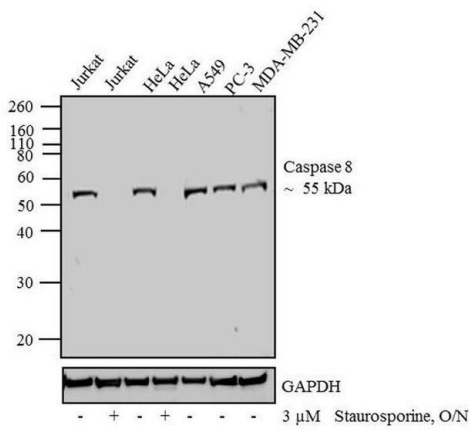
MA5-11558 targets Caspase 8 in IP and WB applications and shows reactivity with Human samples.

The MA5-11558 immunogen is recombinant full length human Caspase 8 protein.

Product Images For Caspase 8 Monoclonal Antibody (8CSP03 (4.1.20))

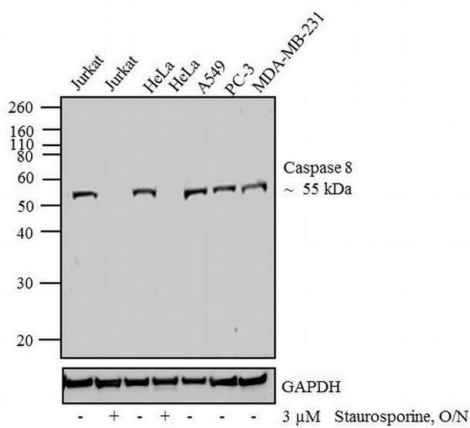
Caspase 8 Antibody (MA5-11558)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot of Caspase8 using anti-caspase8 mouse monoclonal antibody (catalog# MA5-11558), shows reduced expression of Caspase8 upon treatment of HeLa and Jurkat cells with Staurosporine. {TM}



Caspase 8 Antibody (MA5-11558) in WB

Western blot analysis was performed on whole cell extracts (30 μ g lysate) of Jurkat (Lane 1), Jurkat treated for overnight with 3 μ M of Staurosporine (Lane 2), HeLa (Lane 3), HeLa treated for overnight with 3 μ M of Staurosporine (lane 4), A549 (lane 5), PC-3 (lane 6) and MDA-MB-231 (lane 7). The blots were probed with Anti-Caspase 8 Mouse Monoclonal Antibody (Product # MA5-11558, 2-4 μ g/mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP conjugate (Product # 62-6520, 1:4000 dilution). A 55 kDa band corresponding to Caspase 8 was observed across cell lines tested except Staurosporine treated lysates. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 10 % Bis-Tris gel (Product # NP0302BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody using iBind™ Flex Western Starter Kit (Product # SLF2000S). Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



Caspase 8 Antibody (MA5-11558) in WB

Western blot of Caspase 8 using Caspase 8 Monoclonal Antibody (Product # MA5-11558) on Jurkat Cells.



Western Blot
Human Cells-15

Immunocytochemistry (1)

Molecules (Basel, Switzerland)

***Lactobacillus casei* Strain Shirota Enhances the In Vitro Antiproliferative Effect of Geniposide in Human Oral Squamous Carcinoma HSC-3 Cells.**

"MA5-11558 was used in Western Blotting to investigate the enhanced anti-proliferative effect of *Lactobacillus casei* strain Shirota on geniposide actions in human oral squamous carcinoma HSC-3 cells."

Authors: Qian Y, Song JL, Sun P, Yi R, Liu H, Feng X, Park KY, Zhao X

Year
2018

Species
Human

Dilution
1:2,000

Miscellaneous PubMed (1)

Cancer research

Autocrine production of interleukin-4 and interleukin-10 is required for survival and growth of thyroid cancer cells.

"MA5-11558 was used in immunocytochemistry to study the role of autocrine IL-4 and IL-10 in the survival and growth of thyroid cancer cells"

Authors: Todaro M, Zerilli M, Ricci-Vitiani L, Bini M, Perez Alea M, Maria Florena A, Miceli L, Condorelli G, Bonventre S, Di Gesù G, De Maria R, Stassi G

Year
2006

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