

Rabbit anti-Human Caspase-8 Monoclonal Antibody | anti-CASP8 antibody

Caspase-8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312162	Rabbit	Human	Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

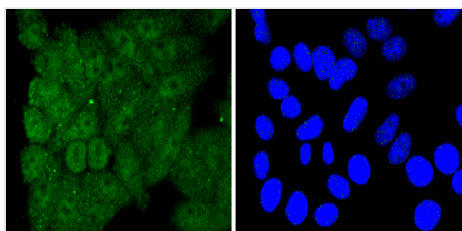
PRODUCT SYNONYMS

Caspase-8; Monoclonal Antibody; Caspase-8 Antibody; ALPS2B antibody; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 12 protein antibody; Apoptotic cysteine protease antibody; Apoptotic protease Mch-5 antibody; Apoptotic protease Mch5 antibody; CAP4 antibody; CASP-8 antibody; CASP8 antibody; CASP8_HUMAN antibody; Caspase 8 antibody; Caspase 8 apoptosis related cysteine peptidase antibody; Caspase-8 subunit p10 antibody; CED 3 antibody; FADD Like ICE antibody; FADD-homologous ICE/CED-3-like protease antibody; FADD-like ICE antibody; FLICE antibody; FLJ17672 antibody; ICE-like apoptotic protease 5 antibody; MACH alpha 1/2/3 protein antibody; MACH antibody; MACH beta 1/2/3/4 protein antibody; MCH5 antibody; MGC78473 antibody; MORT1 associated ced 3 homolog antibody; MORT1-associated CED-3 homolog antibody; OTTHUMP00000163717 antibody; OTTHUMP00000163720 antibody; OTTHUMP00000163724 antibody; OTTHUMP00000163725 antibody; OTTHUMP00000165062 antibody; OTTHUMP00000165063 antibody; OTTHUMP00000165064 antibody; OTTHUMP00000206552 antibody; OTTHUMP00000206582 antibody; anti-CASP8 antibody

PRODUCT SPECIFICATIONS

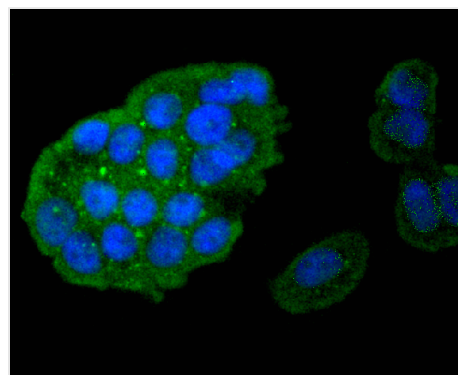
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	SZ01-08
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CASP8 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



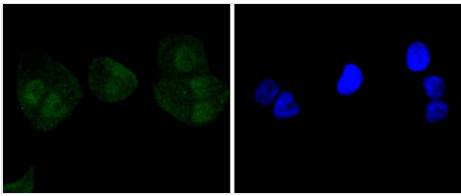
ICC (Immunocytochemistry)

ICC staining Caspase-8 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



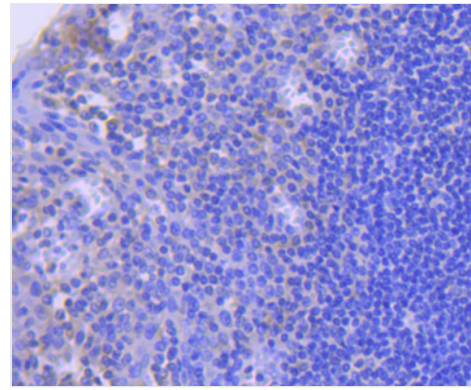
ICC (Immunocytochemistry)

ICC staining Caspase-8 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



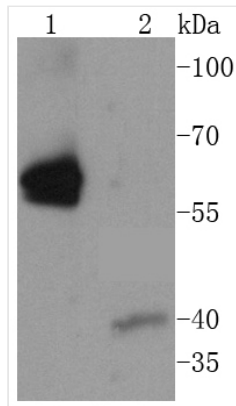
ICC (Immunocytochemistry)

ICC staining Caspase-8 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Caspase-8 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Caspase-8 on different lysates using anti-Caspase-8 antibody at 1/1,000 dilution. Positive control: Lane 1: Jurkat Lane 2: HeLa

ADDITIONAL INFORMATION

Related Product Information for anti-CASP8 antibody

Initiator caspases, which include caspase-8, activate effector caspases by cleaving inactive forms of effector caspases. In the activation cascade responsible for apoptosis induced by TNFRSF1A and mediated by TNFRSF6/FAS, caspase-8 is the most upstream protease. Caspase-8 binds to adaptor molecule FADD, forming an aggregate referred to as death-inducing signaling complex (DISC), which activates caspase-8. The activated protein is released from the complex and further activates downstream apoptotic proteases. Caspase-8, which is a heterodimer consisting of two subunits (p18 and p10), is widely expressed, but is detected at highest levels in peripheral blood leukocytes (PBLs), thymus, liver and spleen. Defects in CASP8, the gene encoding for caspase-8, may cause CASP8D (caspase-8 deficiency disorder), which is characterized by splenomegaly and CD95-induced apoptosis of PBLs, may lead to immunodeficiency due to defects in T lymphocyte, NK cell and B lymphocyte activation.

Product Categories/Family for anti-CASP8 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	122056474
NCBI GeneID	841
NCBI Accession #	NP_001073593.1
NCBI GenBank Nucleotide #	NM_001080124.1
UniProt Accession #	Q14790; O14676; Q14791; Q14792; Q14793; Q14794; Q14795; Q14796; Q15780; Q15806; Q53TT5; Q8TDI1
Molecular Weight	55,391 Da

NCBI Official Full Name	caspase-8 isoform C
NCBI Official Synonym Full Names	caspase 8, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP8
NCBI Official Synonym Symbols	CAP4; MACH; MCH5; FLICE; ALPS2B; Casp-8
NCBI Protein Information	caspase-8; FADD-like ICE; MACH-alpha-1/2/3 protein; apoptotic protease Mch-5; MACH-beta-1/2/3/4 protein; apoptotic cysteine protease; ICE-like apoptotic protease 5; MORT1-associated ced-3 homolog; FADD-homologous ICE/CED-3-like protease; caspase 8, apopto
UniProt Protein Name	Caspase-8
UniProt Gene Name	CASP8
UniProt Synonym Gene Names	MCH5; CASP-8; FLICE; MACH
UniProt Entry Name	CASP8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/caspase-8-antibody-clone-sz01-08-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/312162>