

Cat. No:	MAB-94606
Conjugate:	Unconjugated
Size:	100ug
Clone:	6C8-G1-B10
Concentration:	1mg/ml
Host:	Ms
Isotype:	IgG2b
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-479 of human Caspase-8.
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	17kDa/44kDa/60kDa
Purification:	Aff. Pur.
Synonyms:	ALPS2B;CAP4;Casp-8;FLICE;MACH;MCH5;Caspase 8;CASP8;Caspase-8;caspase-8
Background:	<p>This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined. MAB-94606 Caspase-8 Rabbit Monoclonal Antibody recognizes both spliceosome and precursor.</p>
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

References

References for Caspase-8 Rabbit mAb
Product:Caspase-8 Rabbit mAb
Journal:EMBO Molecular Medicine
Application:WB

IF:9.237

Species:Mus musculus

PMID:29335338

Title:CRTH2 promotes endoplasmic reticulum stress-induced cardiomyocyte apoptosis through m-calpain

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Frontiers in microbiology

Application:WB

IF:

Species:Bos taurus

PMID:29670605

Title:Antiviral Immunotoxin Against Bovine herpesvirus-1: Targeted Inhibition of Viral Replication and Apoptosis of Infected Cell

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Oncology reports

Application:WB

IF:3.04

Species:Homo sapiens

PMID:31115582

Title:Cytokeratin 18 regulates the transcription and alternative splicing of apoptotic related genes and pathways in HeLa cells.

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Molecular Neurodegeneration

Application:WB

IF:8.27

Species:Mus musculus

PMID:32295623

Title:NLRP12 collaborates with NLRP3 and NLRC4 to promote pyroptosis inducing ganglion cell death of acute glaucoma

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Experimental cell research

Application:WB

IF:3.32

Species:Mus musculus

PMID:31202710

Title:The protective role of the MKP-5-JNK/P38 pathway in glucolipotoxicity-induced islet β -cell dysfunction and apoptosis.

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Redox Biology

Application:WB

IF:7.79 Species:

Mus musculus

PMID:31926620

Title:Triggering apoptosis by oroxylin A through caspase-8 activation and p62/SQSTM1 proteolysis

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Investigational new drugs

Application:WB

IF:3.5

Species:Homo sapiens,Mus musculus
PMID:30924024

Title:Emodin induced necroptosis in the glioma cell line U251 via the TNF- α /RIP1/RIP3 pathway.

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Cell death & disease

Application:WB

IF:5.95

Species:Rattus norvegicus

PMID:31221990

Title:Microglia-derived TNF- α mediates endothelial necroptosis aggravating blood brain-barrier disruption after ischemic stroke.

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Free radical biology & medicine

Application:WB

IF:5.65

Species:Homo sapiens,Mus musculus

PMID:31560953

Title:L-V9 exerts anti-T cell malignancies effects via promoting lysosome-dependent AKT1 degradation and activating AKT1/FOXO3A/BIM axis.

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Frontiers in Pharmacology

Application:B

IF:3.845

Species:Mus musculus

PMID:29441017

Title:15, 16-Dihydrotanshinone I Inhibits Hemangiomas through Inducing Pro-apoptotic and Anti-angiogenic Mechanisms in Vitro and in Vivo.

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:International Journal of Molecular Sciences

Application:WB

IF:4.183

Species:Homo sapiens

PMID:31569691

Title:Xanthones from the Bark of *Garcinia xanthochymus* and the Mechanism of Induced Apoptosis in Human Hepatocellular Carcinoma HepG2 Cells via the Mitochondrial Pathway

References for Caspase-8 Rabbit mAb

Product:Caspase-8 Rabbit mAb

Journal:Carcinogenesis

Application:WB

IF:4

Species:Homo sapiens

PMID:31306481

Title: Histone Methyltransferase SETDB1 Promotes Colorectal Cancer Proliferation through the STAT1-CCND1/CDK6 Axis.

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