BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Caspase-8 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0260
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human Caspase-8 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Monkey
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, FCM, ELISA
Concentration	1 mg/ml
Full name	Caspase-8
Synonyms	CASP8; MCH5; Caspase-8; CASP-8; Apoptotic cysteine protease; Apoptotic protease Mch-5; CAP4; FADD-homologous ICE; ced-3-like protease; FADD-like ICE; FLICE; ICE-like apoptotic protease 5; MORT1-associated ced-3 homolog; MACH

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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 alt

Recommended Dilution

ELISA: 1:10000

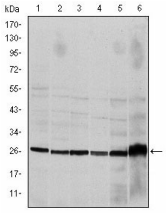
FC: 1:200 - 1:400

IHC: 1:200 - 1:1000

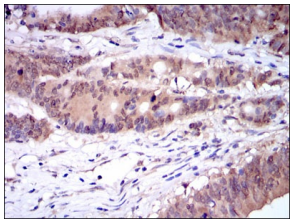
WB: 1:500 - 1:2000

Not yet tested in other applications.

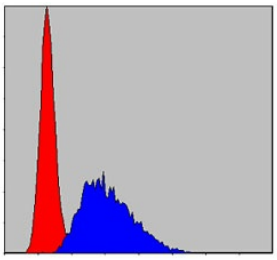
Images



Western Blot analysis using Caspase-8 Monoclonal antibody against HeLa (1) Jurkat (2) THP-1 (3) NIH/3T3 (4) Cos7 (5) and PC-12 (6) cell lysate.



Immunohistochemistry analysis of paraffin-embedded colon cancer tissues with DAB staining using Caspase-8 Monoclonal antibody.



Flow cytometric analysis of NIH/3T3 cells using Caspase-8 Monoclonal antibody (blue) and negative control (red).

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com