

Caspase-3 mouse Monoclonal Antibody(5H10)

Description

Product type	Primary Antibody
Code	BT-MCA0259
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Caspase-3 at AA range of 20-100
Mol wt	N/A
Species reactivity	Human,Rat,Mouse
Clonality	Monoclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	CASP3
Synonyms	CASP3

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

Background

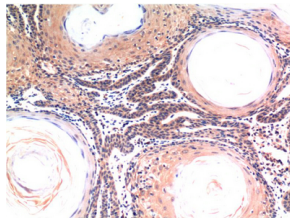
This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. Alternative splicing of this gene results in two transcript variants that encode the same protein.

Recommended Dilution

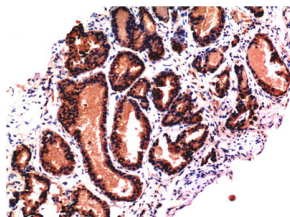
IHC: 1:100-200

Not yet tested in other applications.

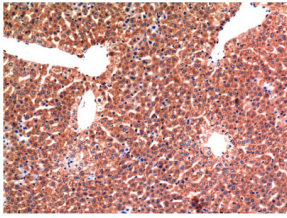
Images



Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using Caspase-3 Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Prostate Tissue using Caspase-3 Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Liver Tissue using Caspase-3 Mouse Monoclonal antibody diluted at 1:200.

Storage

-20°C for one year

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