

CASP-7 monoclonal antibody

Catalog: MB21897

Host: Mouse

Reactivity: Human

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 which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

34.3kDa

Swiss-Prot:

P55210

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

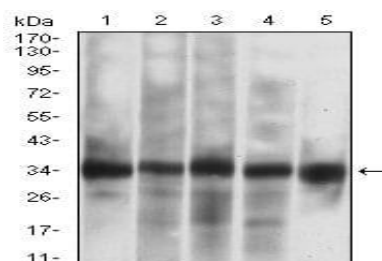
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

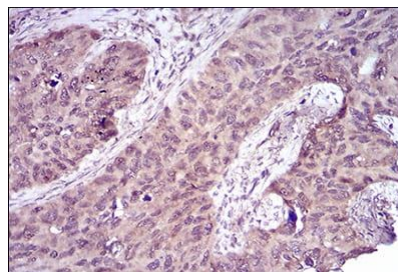
Isotype:

Mouse IgG1

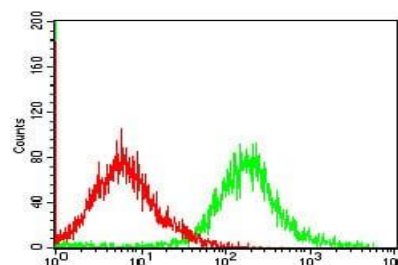
DATA:



Western blot analysis using CASP-7 mouse mAb against Jurkat (1), HEK293 (2), MOLT4 (3), MCF-7 (4), PC-12 (5) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CASP-7 mouse mAb with DAB staining.



Flow cytometric analysis of MCF-7 cells using CASP-7 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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