

CAPN1 monoclonal antibody

Catalog: MB22772

Host: Mouse

Reactivity: Human

BackGround:

The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 1. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

81.9kDa

Swiss-Prot:

P07384

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

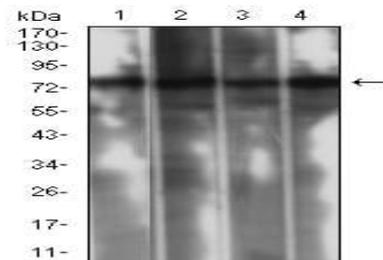
Storage&Stability:

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

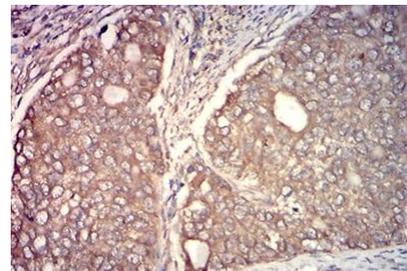
Isotype:

Mouse IgG2a

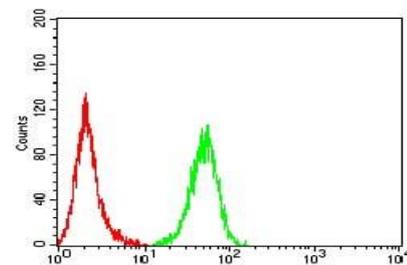
DATA:



Western blot analysis using CAPN1 mouse mAb against Jurkat (1), K562 (2), MCF-7 (3), and PC-3 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CAPN1 mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using CAPN1 mouse mAb (green) and negative control (red).

Note:

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

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