

Calpain 2 Mouse mAb

Catalog No.: A0900

Basic Information

Observed MW

85kDa

Calculated MW

80kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, FC

Cross-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 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100
FC	1:20 - 1:50

Immunogen Information

Gene ID

824

Swiss Prot

P17655

Immunogen

A synthetic peptide of human Calpain 2

Synonyms

CANP2; mCANP; CANPL2; CANPml; Calpain 2

Contact

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Product Information

Source

Mouse

Isotype

IgG

Purification

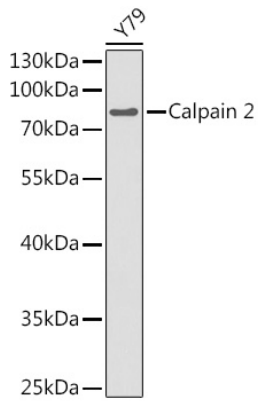
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of lysates from Y79 cells, using Calpain 2 Mouse mAb (A0900).
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.