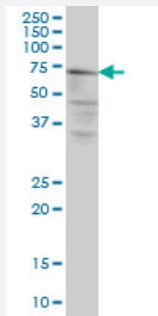


CAPN5 monoclonal antibody (M02A), clone 3C10

Catalog # H00000726-M02A

Size 200 uL

Applications



Western Blot (Cell lysate)

CAPN5 monoclonal antibody (M02A), clone 3C10 Western Blot analysis of CAPN5 expression in HeLa (Cat # L013V1).

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CAPN5.
Immunogen	CAPN5 (NP_004046, 523 a.a. ~ 622 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VLGAAGLKDSPTGANSYVILKCEGDKVRSVAVQKGTSTPEYNVKGIFYRKKLSQPITVQVWNHRVLK DEFLGQVHLKADPDNLQALHTLHLRDRNSRQPSN
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CAPN5 monoclonal antibody (M02A), clone 3C10 Western Blot analysis of CAPN5 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- ELISA

Gene Info — CAPN5

Entrez GeneID [726](#)

GeneBank Accession# [NM_004055](#)

Protein Accession# [NP_004046](#)

Gene Name CAPN5

Gene Alias FLJ46245, HTRA3, nCL-3

Gene Description calpain 5

Omim ID [602537](#)

Gene Ontology [Hyperlink](#)

Gene Summary Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to Caenorhabditis elegans sex determination gene tra-3, CAPN5 is also called as HTRA3. [provided by RefSeq]

Other Designations -

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)

- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Polycystic Ovary Syndrome](#)