

Anti-Calpain 2 mab 1E8

Catalogue number	Package size
0102000601	100 µg
0102000603	1 mg

For research use only.

Product:	monoclonal antibody
Clone:	1E8
Host:	mouse
Isotype:	IgG1 _k
Immunogen:	bovine m-calpain purified from heart muscle cells
Specificity:	80 kDa subunit of m-calpain
Purification:	purified by affinity chromatography
Purity:	> 95% by SDS-PAGE
Solution:	PBS pH 7.4 without additives
Storage:	at -20 °C (repeated thawing and freezing should be avoided)
Applications:	ELISA, Western Blot, Immunohistochemistry (see figure below)
Dilution:	1-10 ng/ml in ELISA, 1-2 µg/ml in Western Blot
Reactivity:	Calpain-2 from cattle and human

Figure 1

Purified bovine Calpain-2 (1) was separated by SDS-PAGE under reducing conditions and blotted on nitrocellulose membrane.

NC membrane was incubated by 1 µg/ml of mab 1E8. Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG/M antibody (ZYMED) and H₂O₂/TMB substrate solution. Mab 1E8 reacted specifically with Calpain-2.

MW (kDa) 1 2

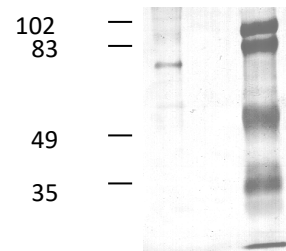
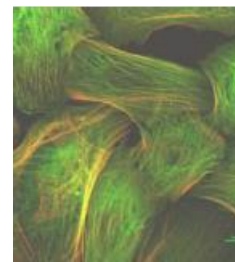


Figure 2

Immunofluorescence of intracellular calpain in bovine lens epithel cells using mab 1E8 (green).



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