

Recombinant Calpastatin Monoclonal Antibody

catalog number: AN301454L

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

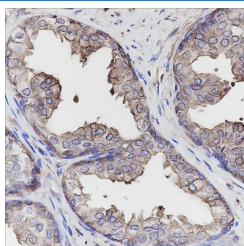
Reactivity	Human
Immunogen	Recombinant human Calpastatin fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C341077
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

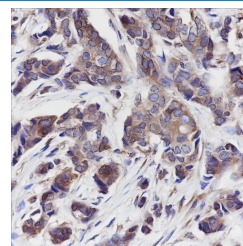
Recommended Dilution

IHC	1:200-1:1000
IF	1:50
FCM	1:50-1:100

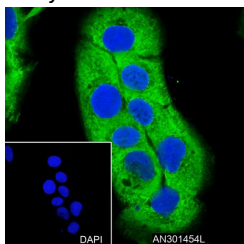
Data



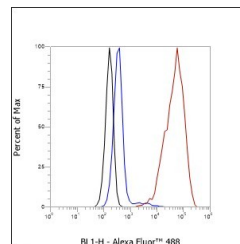
Immunohistochemistry of paraffin-embedded Human prostate hyperplasia using Calpastatin Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human breast cancer using Calpastatin Monoclonal Antibody at dilution of 1:1000.



Immunofluorescent analysis of (100% ice-cold methanol) fixed HaCaT cells using anti-Calpastatin Monoclonal Antibody at dilution of 1:50.



Flow cytometric analysis of human Calpastatin expression on HeLa cells. Cells were stained with purified anti-Human Calpastatin, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.1

Specific inhibition of calpain (calcium-dependent cysteine protease). Plays a key role in postmortem tenderization of meat and have been proposed to be involved in muscle protein degradation in living tissue.