

For Research Use Only

# Calpastatin Monoclonal ANTIBODY



Catalog Number: 67107-1-Ig

## Basic Information

Catalog Number:  
67107-1-Ig

Size:  
132 µg/150 µl

Source:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Immunogen Catalog Number:  
AC28669

GenBank Accession Number:  
BC013579

GeneID (NCBI):  
831

Full Name:  
calpastatin

Calculated MW:  
667aa, 72 kDa

Observed MW:  
115 kDa

Recommended Dilutions:  
WB 1:1000-1:6000

## Applications

Tested Applications:  
WB, ELISA

Species Specificity:  
Human

**Note: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HeLa cells; THP-1 cells

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
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## Storage

Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

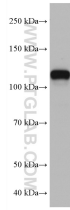
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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 67107-1-g (CAST antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours