

Legumain Rabbit mAb

Catalog No: #59991

Package Size: #59991-1 50ul #59991-2 100ul

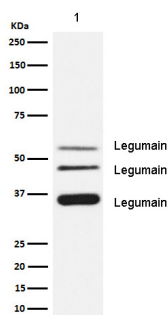
Description

Product Name	Legumain Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human Mouse Rat
Specificity	Legumain Antibody detects endogenous levels of total Legumain
Immunogen Description	A synthesized peptide derived from human Legumain
Other Names	AEP; cysteine 1; Legumain; LGMN; LGMN1; PRSC1;
Accession No.	Uniprot:Q99538
Calculated MW	36,57kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000

Images



All lanes: MTH1 Rabbit mAb at 1/1k dilution

Lane 1 : HeLa whole cell lysates
Lysates/proteins at 20 µg per lane.

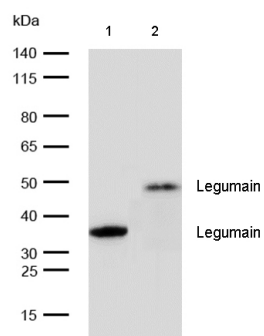
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 49 kDa

Observed band size: 36,49,57 kDa

Exposure time: 4 seconds



All lanes: MTH1 Rabbit mAb at 1/1k dilution

Lane 1 : Mouse spleen lysates Lane 2 : Rat kidney lysates
Lysates/proteins at 20 µg per lane.

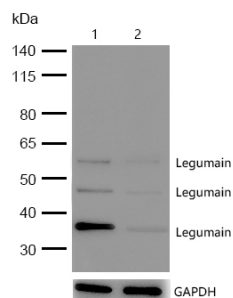
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 49 kDa

Observed band size: 36,49,57 kDa

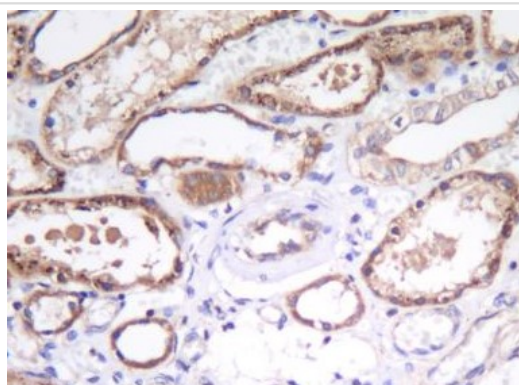
Exposure time: 7 seconds



All lanes: Legumain Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HeLa cell lysate
Lane 2 : Legumain Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human kidney tissue stained for Legumain using 59991 at 1/100 dilution in immunohistochemical analysis.

Background

Has a strict specificity for hydrolysis of asparaginyl bonds. Can also cleave aspartyl bonds slowly, especially under acidic conditions. May be involved in the processing of proteins for MHC class II antigen presentation in the lysosomal/endosomal system.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.