

Legumain Antibody FITC Conjugated

Catalog No: #C05009F

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Description

Product Name	Legumain Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 225-275 433 derived from human Legumain
Conjugates	FITC
Target Name	Legumain
Other Names	AEP; LGMN1; PRSC1; Legumain; Asparaginyl endopeptidase; Protease, cysteine 1; LGMN
Accession No.	Swiss-Prot#Q99538NCBI Gene ID5641
Uniprot	Q99538
GeneID	5641;
Excitation Emission	494nm 518nm
Cell Localization	Lysosome
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Has a strict specificity for hydrolysis of asparaginyl bonds. Can also cleave aspartyl bonds slowly, especially under acidic conditions. Required for normal lysosomal protein degradation in renal proximal tubules. Required for normal degradation of internalized EGFR. Plays a role in the regulation of cell proliferation via its role in EGFR degradation (By similarity). 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