



## Legumain Polyclonal Antibody

Catalog: BS65876      Host: Rabbit      Reactivity: Human, Mouse, Rat, Dog, Cow, Horse,

### BackGround:

This gene encodes a cysteine protease that has a strict specificity for hydrolysis of asparaginyl bonds. This enzyme may be involved in the processing of bacterial peptides and endogenous proteins for MHC class II presentation in the lysosomal/endosomal systems. Enzyme activation is triggered by acidic pH and appears to be autocatalytic. Protein expression occurs after monocytes differentiate into dendritic cells. A fully mature, active enzyme is produced following lipopolysaccharide expression in mature dendritic cells. Overexpression of this gene may be associated with the majority of solid tumor types. This gene has a pseudogene on chromosome 13. Several alternatively spliced transcript variants have been described, but the biological validity of only two has been determined. These two variants encode the same isoform. [provided by RefSeq, Jul 2008].

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

~46kDa

### Swiss-Prot:

Q99538

### Purification&Purity:

affinity purified by Protein A

### Applications:

Flow-Cyt=1ug/test

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -49 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Legumain Polyclonal Antibody detects endogenous levels of Legumain protein.

### DATA:

### Note:

For research use only, not for use in diagnostic procedure.

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