

CAB6829

Product Information

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| Product SKU: | CAB6829 | Gene ID: | 5641 | Size: | 20uL, 100uL |
| Clone No: | ARC1864 | Host Species: | Rabbit | Reactivity: | Human,Mouse |

Additional Information

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| Observed MW: | 34kDa/46kDa/56kDa | Conjugate: | Unconjugated |
| Calculated MW: | 49kDa | Isotype: | IgG |

Immunogen Information

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| 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. |
| Recommended Dilution: | WB,1:500 - 1:2000 |
| Synonyms: | AEP; LGMN1; PRSC1; Legumain (LGMN) |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 210-302 of human Legumain (LGMN) (Q99538). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3. |