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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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LGMN purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00005641-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human LGMN protein.

Immunogen: LGMN (NP_001008530.1, 1 a.a. ~ 433 a.a) full-length human protein.

Sequence:
 MWVKVAVFLSVALGIGAVPIDDPEDGGKHWVIVAGSNGWYNYRHQAD
 ACHAYQIIHRNGIPDEQIVMMYDDIAYSEDNPTPGMINRPNGTDVYQGVP
 KDYTGEDVTPQNFLAVLRGDAEAVKIGSGKVLKSGPQDHVFIYFTDHG
 STGILVFPNEDLHVKDLNETIHMYKHKMYRKMVFYIEACESGSMNHLP
 DNINVYATTAANPRESSYACYDEKRSTYLGDWYSVNW MEDSDVEDLTK
 ETLHKQYHLVKSHTNTSHVMQYGNKTISTMKVMQFQGMKRKASSPVPLP
 PVTHLDLTPSPDVPLTIMKRKLMNTNDLEESRQLTEEIQRHLDARHLIEKS
 VRKIVSLLAASEAEVEQLLSERAPLTGHSCYPEALLHFRTHCFNWHSPY
 EYALRHLYLVNLCCKPYPLHRIKLSMDHVCLGHY

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

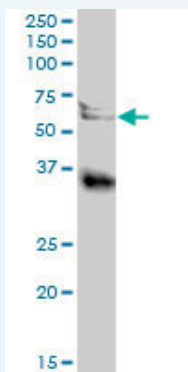
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Tissue lysate)



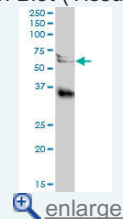
LGMN MaxPab polyclonal antibody. Western Blot analysis of LGMN expression in human kidney.

[Protocol Download](#)

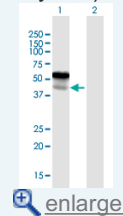
Western Blot (Transfected lysate)

Application Image

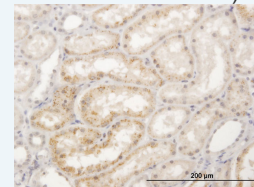
Western Blot (Tissue lysate)

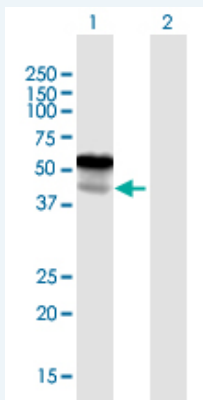


Western Blot (Transfected lysate)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



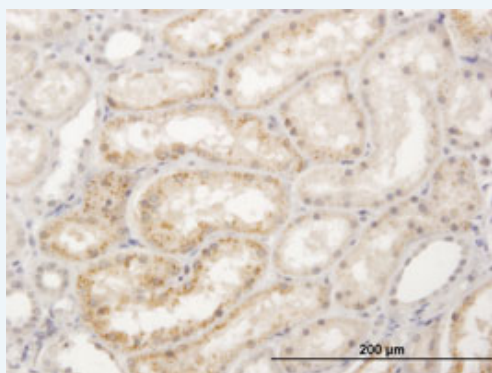


Western Blot analysis of LGMN expression in transfected 293T cell line ([H00005641-T02](#)) by LGMN MaxPab polyclonal antibody.

Lane 1: LGMN transfected lysate(47.63 KDa).
Lane 2: Non-transfected lysate.

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



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Immunoperoxidase of purified MaxPab antibody to LGMN on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

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Gene Information

Entrez GeneID: [5641](#)

GeneBank [NM_001008530.1](#)
Accession#:

Protein [NP_001008530.1](#)
Accession#:

Gene Name: LGMN

Gene Alias: AEP,LGMN1,PRSC1

Gene Description: legumain

Omim ID: [602620](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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

Other Designations: asparaginyl endopeptidase,cysteine protease 1,protease, cysteine, 1 (legumain)

Gene Pathway

Antigen processing and presentation Lysosome

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