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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LGMN monoclonal antibody (M03), clone M2

Catalog Number: H00005641-M03

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant LGMN.

Clone Name: M2

Immunogen: LGMN (AAH03061.1, 1 a.a. ~ 433 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MVWKVAVFLSVALGIGAIPIDDPEDGGKHVVIVAGSN
GWYNYRHQADACHAYQIIHRNGIPDEQIVVMMYDDIA
YSEDNPTPGIVINRPNGTDVYQGVPKDYTGEDVTPQN
FLAVLRGDAEAVKIGSGKVLKSGPQDHFVFIYFTDHGS
TGILVFPNEDLHVKDLNETIHMYKHKMYRKMVFYIEA
CESGSMNHLPDNINVYATTAANPRESSYACYDEKR
STYLGDWYSVNW MEDSDVEDLTKETLHKQYHLVKSH
TNTSHVMQYGNKTISTMKVMQFQGMKRKASSPVPLP
PVTHLDLTPSPDVPLTIMKRKLMNTNDLEESRQLTEEI
QRHLDARHLIEKSVRKIVSLLAASEAEVEQLLSERAPLT
GHSCYPEALLHFRTHCFNWHSPYTYEYALRHLYVLVNL
CEKPYPLHRIKLSMDHVCLGHY

Host: Mouse

Reactivity: Human

Applications: ELISA, IP

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 5641

Gene Symbol: LGMN

Gene Alias: AEP, LGMN1, PRSC1

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]