

LAMB3 rabbit monoclonal antibody

Catalog # H00003914-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LAMB3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LAMB3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LAMB3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LAMB3

Entrez GeneID	3914
GeneBank Accession#	LAMB3
Gene Name	LAMB3
Gene Alias	BM600-125KDA, FLJ99565, LAM5, LAMNB1
Gene Description	laminin, beta 3
Omim ID	150310 226650 226700
Gene Ontology	Hyperlink
Gene Summary	The product encoded by this gene is a laminin that belongs to a family of basement membrane proteins. This protein is a beta subunit laminin, which together with an alpha and a gamma subunit, forms laminin-5. Mutations in this gene cause epidermolysis bullosa junctional Herlitz type, and generalized atrophic benign epidermolysis bullosa, diseases that are characterized by blistering of the skin. Multiple alternatively spliced transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000034555 OTTHUMP00000034640 kalinin B1 chain kalinin-140kDa laminin B1k chain laminin S B3 chain laminin, beta 3 (nicein (125kD), kalinin (140kD), BM600 (125kD)) nicein-125kDa

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Macular Degeneration](#)

- [Uterine Cervical Neoplasms](#)