

# Product Datasheet

## Laminin beta 3 Antibody (2G10) - Azide and BSA Free H00003914-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00003914-M01**

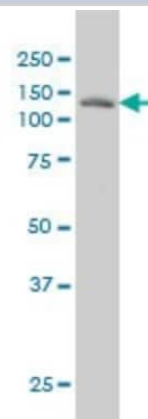
Laminin beta 3 Antibody (2G10) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                                       |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                             |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                 |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                   |
| Clone                       | 2G10                                                                                                                                                                                                                                         |
| Preservative                | No Preservative                                                                                                                                                                                                                              |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                   |
| Purity                      | IgG purified                                                                                                                                                                                                                                 |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                              |
| Description                 | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                        |
| Gene ID                     | 3914                                                                                                                                                                                                                                         |
| Gene Symbol                 | LAMB3                                                                                                                                                                                                                                        |
| Species                     | Human                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | LAMB3 - laminin, beta 3                                                                                                                                                                                                                      |
| Immunogen                   | LAMB3 (NP_000219, 1064 a.a. ~ 1171 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>AEGASEQALSAQEGFERIKQKYAELKDRLGQSSMLGEQGARIQSVKTEAEELF<br>GETMEMMDRMKDMELELLRGSQAIMLRSADLTGLEKRVEQIRDHINGRVLYYA<br>TC |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                              |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA                                                                                                            |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA                                                                                                      |
| Application Notes           | Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.                                                                                                                              |

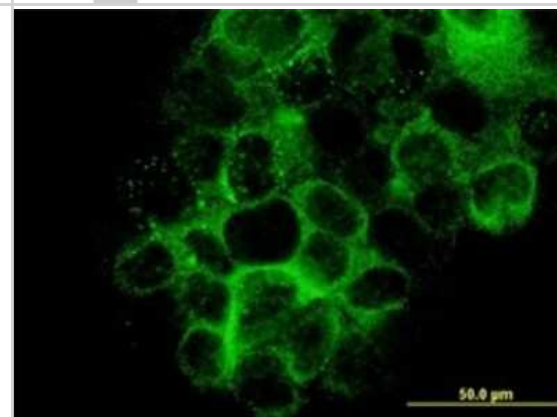


## Images

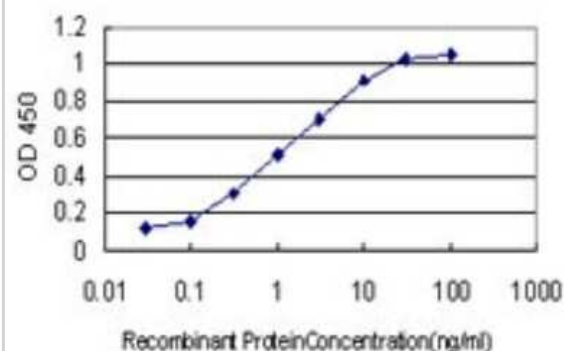
Western Blot: Laminin beta 3 Antibody (2G10) [H00003914-M01] - LAMB3 monoclonal antibody (M01), clone 2G10 Analysis of LAMB3 expression in A-431.



Immunocytochemistry/Immunofluorescence: Laminin beta 3 Antibody (2G10) [H00003914-M01] - Analysis of monoclonal antibody to LAMB3 on A-431 cell. Antibody concentration 10 ug/ml.



Sandwich ELISA: Laminin beta 3 Antibody (2G10) [H00003914-M01] - Detection limit for recombinant GST tagged LAMB3 is approximately 0.03ng/ml as a capture antibody.



## Publications

Kita Y, Mimori K, Tanaka F et al. Clinical significance of LAMB3 and COL7A1 mRNA in esophageal squamous cell carcinoma. Eur J Surg Oncol. 2008-03-08 [PMID: 18331784]

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**Products Related to H00003914-M01**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg   | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| H00003914-Q01-10ug | Recombinant Human Laminin beta 3 GST (N-Term) Protein   |

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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