

# Certificate of analysis

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**Product Name/Description:** Anti-Human Laminin, Monoclonal (Clone LN82-13)  
**Cat. #:** M020  
**Lot #:** Specified on product label  
**Storage Conditions:** 4 degrees C  
**Expiration Date:** 2 years from date of receipt under proper storage condition

**Package Size:** 0.1 mg

**Package Contents:** 1. Anti-Human Laminin, Monoclonal (Clone LN82-13) 0.1 mg

**Note:** This product contains bovine serum albumin (BSA). For more information, contact your local office.

**Source:** Antibody:  
Monoclonal antibody was produced from the established hybridoma obtained by fusing the mouse myeloma cell line P3U1 with spleen cells of BALB/c mouse after immunization with human placenta laminin. The monoclonal antibody was harvested from ascitic fluid.

**Quality Control Data:** The lyophilized antibody was dissolved in 50 µl of specified water. The antibody dilutions were applied for ELISA assay by colorimetric detection using a microtiter plate immobilized with human laminin. The expected antibody titration was obtained.

**Manufacturing Control:**

**Purification:**

Antibody was purified by column chromatography, dissolved in 10 mM PBS, pH 7.4, containing 1.0% bovine serum albumin, and then lyophilized.

The lyophilized antibody does not contain preservative.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

**Notice To Purchaser:**

Please refer to the website.

**Product Documents, Patent Markings, Trademarks, & Safety Information:**

Refer to website for availability to download or contact your local office:  
[www.takara-bio.co.jp](http://www.takara-bio.co.jp) (Japanese)  
[www.takarabio.com](http://www.takarabio.com) (English)

**Licence Statements:**

Please visit our website and click the "license" button on the product's web page.

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