

PAA184Mu01

Polyclonal Antibody to Laminin Beta 1 (LAMb1)

Organism: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

8th Edition (Revised in Jun, 2013)

[**PRODUCT INFORMATION**]

Immunogen: LAMb1, Mouse

Clonality: Polyclonal

Host: Rabbit

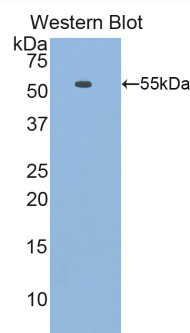
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant LAMb1, Mouse

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant LAMb1 (Gln1053~Lys1258) expressed in *E.coli*.

USCN Accession No.: RPA184Mu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPKSD GSTSGSGHHH HHSAGLVPR
GSTAIGMKET AA AKFERQHM DSPDLGTLEV LFQGPLGSEF-QCSCLPNV IGQNCDRCAP
NTWQLASGTG CGPCNCNAAH SFGPSCNEFT GQCQCM PGFG GRTCSECQEL
FWGDPDVECR ACDCDPRGIE TPQCDQSTGQ CVCVEGVEGP RCDKCTR GYS
GVFPDCTPCH QCFALWD AII GELTNRTHKF LEKAKALKIS GVIGPYRETV DSVEKKVNEI
KDILAQSPAA EPLKNIGILF EEA EKLTK

[**ANTIBODY SPECIFICITY**]

The antibody is a rabbit polyclonal antibody raised against LAMB1. It has been selected for its ability to recognize LAMB1 in immunohistochemical staining and western blotting.

[**APPLICATIONS**]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[**CONTENTS**]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[**QUALITY CONTROL**]

Content: The quality control contains recombinant LAMB1 (Gln1053~Lys1258) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[**STORAGE**]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.