

PAA481Mu01

Polyclonal Antibody to Lymphotoxin Beta Receptor (LTbR)

Organism Species: Mus musculus (Mouse)

Instruction manual

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

9th Edition (Revised in Jul, 2013)

[**PRODUCT INFORMATION**]

Immunogen: LTbR, Mouse

Clonality: Polyclonal

Host: Rabbit

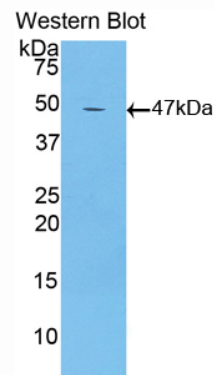
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant LTbR, Mouse

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant LTbR (Pro128~Tyr395) expressed in *E. coli*.

USCN Accession No.: RPA481Mu01

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 DIRYGVSR IA YSKDFETLKV
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIQID KYLKSSKYIA WPLQG WQATF GGGDHPKSD GSTSGSGHHH HHSAGLVPR
GSTAIGMKET AAKFERQHM DSPDLGTGGG SGIEGRGSMG YRGS-PGM SCVYLDNECV
HCEEERLVLC QPGTEAEVTD EIMDTDVNCV PCKPGHFQNT SSPRARCQPH TRCEIQGLVE
AAPGTSYS DT ICKNPPEPGA MLLLAILLSL VLFLFTTVL ACAWMRHP SL CRKLG TLLKR

HPEGEESPPC PAPRADPHFP DLAEPLLPMS GDLSPPAGP PTAPSLEEVV LQQQSPLVQA
RELEAEPGEH GQVAHGANGI HVTGGSVTVT GNIIYNGPV LGGTRGPGDP PAPPEPPYPT
PEEGAPGPSE LSTPY

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against LTbR. It has been selected for its ability to recognize LTbR 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 LTbR (Pro128~Tyr395) 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.