

MAB496Hu22

Monoclonal Antibody to Lumican (LUM)

Organism Species: Homo sapiens (Human)

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: LUM, Human

Clonality: Monoclonal

Clone number: G5

Host: Mouse

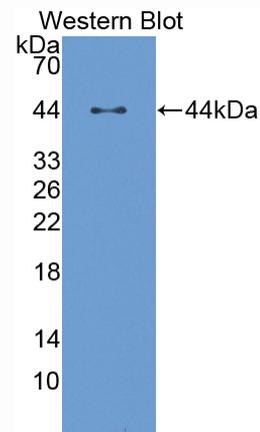
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 500µg/mL

UOM: 200µg



Sample: Recombinant LUM, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant LUM (Gln19~Asn338) expressed in *E. coli*.

Accession No.: RPB496Hu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSQSEF-QY YDYDIPLFMY GQISPNCAPC CNCPHSYPTA MYCDDLKLLK
VPMVPPGIKY LYLRNNQIDH IDEKAFENVL DLQWLILDHN LLENSKIKGK VFSKLLKLLK
LHINYNNLLE SVGPLPKSLQ DLQLTNNKIS KLGSDGLVN LTFIYLQHNQ LKEDAVSASL
KGLKSLEYLD LSFNQMSKLP AGLPTSLTL YLDNNKISNI PDEYFKRFTG LQYLRLSHNE
LADSGVPGNS FNISLLELD LSYNKLKSLP TVNENLENYE LEVNELEKFD VKSFCKILGP
LSYSKIKHLR LDGNPLTQSS LPPDMYECLR VANEITVN

[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against LUM. It has been selected for its ability to recognize LUM 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.

[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.