

Anti-Lumican Antibody (9L62)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 35 kDa. Actual: 50-70 kDa.
Clone:	9L62
Purification:	Protein A purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded Mouse Skin; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Lumican Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 150 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded Rat Skin; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Lumican Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 150 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Mouse Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Lumican Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 150 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Rat Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Lumican Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 150 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Lumican Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 150 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Lumican Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 150 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Lumican Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 150 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Lumican Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 150 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
9. 25 ug total protein per lane of various lysates (see on figure) probed with Lumican monoclonal antibody, unconjugated (TMAB-08450) at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
10. Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in

sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Lumican Recombinant Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 100 overnight at 4°C. Followed by conjugated Goat Anti-Ratbbit IgG antibody (red, Goat Anti-Rabbit IgG H&L-BF594), DAPI (blue) was used to stain the cell nuclei.

11. Paraformaldehyde-fixed, paraffin embedded Mouse Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Lumican Recombinant Monoclonal Antibody, Unconjugated (TMAB-08450) at 1: 100 overnight at 4°C. Followed by conjugated Goat Anti-Ratbbit IgG antibody (red, Goat Anti-Rabbit IgG H&L-BF594), DAPI (blue) was used to stain the cell nuclei.

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Lumican

Antigen Species: Human

Gene ID: 4060

Uniprot ID: P51884

Research Background

Present in the extracellular matrix of human articular cartilage at all ages, although its abundance is far greater in the adult. In the adult cartilage lumican exists predominantly in a glycoprotein form lacking keratan sulfate, whereas the juvenile form of the molecule is a proteoglycan.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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