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[Primary Antibody]

Recombinant Rabbit Anti-LUM Monoclonal Antibody

Catalog Number: SLA0739M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1, k
Clonality:	Monoclonal
Clone No.:	7F7
GeneID:	4060
SWISS:	P51884
Target:	LUM
Immunogen:	rHu LUM | Lumican Protein
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:100-1000) IHC-P (1:50-100) IHC-F (1:50-100) IF (1:50-100) ELISA (1:5000-10000) IP (1:50-100) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	35 kDa
Subcellular Location:	Extracellular
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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.