

**bsm-61501R****[ Primary Antibody ]**

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**Aggrecan Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200)  <b>Reactivity:</b> Human   <b>Predicted MW.:</b> 261  <b>Subcellular Location:</b> Secreted
<b>Clonality:</b> Recombinant		
<b>GeneID:</b> 176	<b>SWISS:</b> P16112	
<b>Target:</b> ACAN		
<b>Immunogen:</b> A synthesized peptide derived from human Aggrecan: 700-900/2530.		
<b>Purification:</b> affinity purified by Protein A		
<b>Storage:</b> 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> This proteoglycan is a major component of extracellular matrix of cartilagenous tissues. A major function of this protein is to resist compression in cartilage. It binds avidly to hyaluronic acid via an N-terminal globular region.		

**— SELECTED CITATIONS —**

- **[IF=5.4]** Mengwei Zhang, et al. A Novel Scaffold of Icaritin/Porous Magnesium Alloy-Repaired Knee Cartilage Defect in Rat by Wnt/ $\beta$ -Catenin Signaling Pathway. ACS Biomaterials Science & Engineering. 2024 Sep 9;10(9):5796-5806. IHC ;Rat. 39155687