



## MOUSE ANTI- HUMAN CARTILAGE PROTEOGLYCAN (ADULT) MONOCLONAL ANTIBODY

<b>CATALOG NUMBER:</b>	MAB2015
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	100 $\mu$ L
<b>SPECIFICITY:</b>	Recognizes the short peptides substituted with keratan sulfate side chains and within the core protein of proteoglycans in articular cartilages, chicken limb bud and cornea. Does not cross-react with human fetal cartilage proteoglycans.
<b>IMMUNOGEN:</b>	Human adult cartilage proteoglycan.
<b>ISOTYPE:</b>	IgG <sub>1</sub>
<b>APPLICATIONS:</b>	Western blot at 1:100-1:200. ELISA at 1:1,250 - 1:2,500. RIA at 1:20,000 - 1:40,000. Immunohistochemistry at 1:50 - 1:250. Optimal working dilutions must be determined by the end user.
<b>SPECIES REACTIVITIES:</b>	Human, bovine, rabbit, canine, and chicken
<b>FORMAT:</b>	Ascites fluid
<b>STORAGE/HANDLING:</b>	Maintain at -20°C in undiluted aliquots for up to 12 months after date of receipt. Avoid repeated freeze/thaw cycles.
<b>REFERENCES:</b>	<ol style="list-style-type: none"><li>1. <i>Orthop. Trans.</i> <b>9</b>:225-226 (1985).</li><li>2. <i>J. Biochem.</i> <b>234</b>:31-41 (1986).</li><li>3. <i>J. Biochem.</i> <b>236</b>:71-75 (1986).</li><li>4. <i>Pediatric Res.</i> <b>22</b>:409-413 (1987).</li><li>5. <i>Cancer Immunol. Immunother.</i> <b>32</b>:137-142 (1990).</li><li>6. <i>J. Histochem. Cytochem.</i> <b>39</b>:1175-1187 (1991).</li><li>7. <i>Arthritis Rheum.</i> (1995). <b>38</b>:660-668.</li><li>8. <i>Papageorgakopoulou, N., et al., Biochimie (2002) 84</i>:1225-1228.</li></ol>

*For research use only; not for use as a diagnostic.*

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*