



MOUSE ANTI-FIBRILLIN MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB1919
LOT NUMBER:	
QUANTITY:	100 µL
SPECIFICITY:	Bovine zonular fibrils. Reacts well with human elastin microfibrils and can be used to investigate the presence and organization of these fibrils either in Marfan patients or in fibroblasts obtained from these patients.
IMMUNOGEN:	Bovine zonular fibrils
SPECIES REACTIVITY:	Bovine, pig, and human, other species not tested.
ISOTYPE:	IgG _{1k}
APPLICATIONS:	<p>Immunoblot: antibody reacts with 350,000 kDa protein released from bovine aortic smooth muscle cells, which is identical to that of fibrillin.</p> <p>Immunohistochemistry: fresh frozen sections, 1:200-1:500; paraffin embedded tissues, 1:200 after microwave/citrate acid buffer antigen retrieval.</p> <p>Immunoprecipitation: 5 microliters of antibody diluted in no more than 400 microliters of concentrated supernatants from bovine smooth muscle cells. We recommend either an anti-mouse IgG bead or a rabbit anti-mouse capture antibody followed by protein A.</p> <p>ELISA: 1:1000 or greater.</p> <p>Optimal dilutions must be determined by the end user.</p>
FORMAT:	Ascites
PRESENTATION:	Liquid containing 0.1% sodium azide.
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 12 months after date of receipt. Avoid repeated freeze/thaw cycles.
REFERENCES:	Wright <i>et al.</i> , Immunization with undernaturated bovine zonular fibrils results in antibodies to fibrillin. <i>Matrix Biology</i> 14 : 41-49 (1994).

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 µL 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.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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