

**MOUSE ANTI-FRAGILE X MENTAL RETARDATION PROTEIN (FMRP)  
MONOCLONAL ANTIBODY**

<b>CATALOG NUMBER:</b>	MAB2160
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	100 $\mu$ L
<b>SPECIFICITY:</b>	Human and mouse FMRP. The epitope is localized in the N-terminal half of FMRP. Cross reaction with FXR protein may be detected in cases of high expression of the latter proteins.
<b>IMMUNOGEN:</b>	Fusion protein with a full length FMRP (human)
<b>ISOTYPE:</b>	IgG <sub>1,k</sub>
<b>APPLICATIONS:</b>	ELISA: 1:500-1:5,000 Western blot (natural and recombinant protein): 1:500-1:5,000 Immunohistochemistry (frozen and paraffin sections): 1:500-1:5,000 Immunocytochemistry (on transfected cells or not): 1:500-1:5,000 Detection of FMRP on blood smears: 1:500-1:5,000 Optimal working dilutions must be determined by the end user.
<b>FORMAT:</b>	Ascites
<b>PRESENTATION:</b>	Liquid, does not contain any preservative.
<b>STORAGE/HANDLING:</b>	Maintain at -20°C in undiluted aliquots up to 12 months after date of receipt. Avoid repeated freeze/thaw cycles.
<b>REFERENCES:</b>	<i>Nature Genetics</i> (1993) <b>4</b> :335-340. <i>Lancet</i> (1995) <b>345</b> :1147-1148. <i>Nature Genetics</i> (1995) <b>10</b> :483-485. <i>Human Molecular Genetics</i> (1995) <b>4</b> :783-789. Lin, C.H., et al., <i>J. Biochemistry</i> (2000) <b>128</b> :493-498. Antar, L.N., et al., <i>J. Neuroscience</i> (2004) <b>24</b> :2648-2655. Zalfa, F., et al., <i>Nature Neuroscience</i> (2007) <b>10</b> :578-587.

**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.*

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