



# **Mab to U2B" Protein (human autoantigen)**

<b>Clone Determination</b>	4G3
<b>Category</b>	Mouse monoclonal
<b>Immunoglobulin Class</b>	IgG <sub>1</sub>
<b>Purification/Form</b>	Culture supernatant
<b>Immunogen</b>	Recombinant $\beta$ -galactosidase U2B" fusion protein
<b>Description/Specificity</b>	The mab reacts primarily with the U2B" protein from a variety of species ranging from human to plant. The monoclonal does not react detectably with the very homologous U1A protein.
<b>Antigen Recognized in Species (tested so far)</b>	Most species, including human and plant
<b>Application</b>	<ul style="list-style-type: none"><li>• Immunofluorescence microscopy</li><li>• Immunoprecipitation</li><li>• Immunoblotting</li></ul>
<b>Positive Control</b>	HEp-2 cells
<b>Working Dilution</b>	Immunofluorescence and immunoblotting: 1:5 – 1:10
<b>Storage</b>	At 2 - 8°C (lyoph.); after reconstitution in small aliquots at -20°C; avoid repeated thawing and freezing.
<b>Quantity</b>	1 ml (lyoph.); after reconstitution with 1 ml PBS solution contains 1% BSA and 0.1% NaN <sub>3</sub>

#### **References**

- Habets WJ et al. J Immunol **143**:2560-2566 (1989)  
Simpson et al. Nucleic Acids Research **19**:5213-5217 (1991)  
Manual of Biological Markers for Disease, section A (Eds. W.J. van Venroij and R.N. Mini), Kluwer Acad. Publ. 1993

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