



# MAb to snRNP A Protein

<b>Clone Determination</b>	H 304
<b>Category</b>	Mouse monoclonal
<b>Immunoglobulin Class</b>	IgG <sub>1</sub> kappa
<b>Purification/Form</b>	Affinity chromatography
<b>Antigen</b>	Human U1 snRNP particles
<b>Description/Specificity</b>	H 304 specifically recognizes the 34 kD A protein, a human autoantigen. The antibody recognizes the U1A protein in a variety of species ranging between human and Xenopus. It precipitates U1 snRNP complexes containing the U1A protein. It does not crossreact with the U2B" protein.
<b>Antigen Recognized in Species (tested so far)</b>	human; most species
<b>Application</b>	Suitable for dot blot or immunoblotting (Western) and immunoprecipitation
<b>Reconstitution:</b>	Reconstitute in 1 ml dist. water (final solution contains 0.09 % NaN <sub>3</sub> , 0.5% BSA in PBS buffer, pH 7.4)
<b>Working Dilution</b>	1:10 for dot blot
<b>Stability/Storage</b>	Stable for one year after reconstitution when stored at 2-8°C. For extended storage keep in aliquots at -20°C. Avoid repeated thawing and freezing.
<b>Quantity:</b>	1 ml (lyoph.)

## References:

Reuter, R. and Lührmann, R.: Immunization of mice with purified U1 small nuclear ribonucleoprotein (RNP) induces a pattern of antibody specificities characteristic of the anti-Sm and anti-RNP autoimmune response of patients with lupus erythematosus, as measured by monoclonal antibodies. Proc. Natl. Acad. Sci. USA 83, 8689-8693 (1986).

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