



Mab to Ro52 (SS-A) Protein (human autoantigen)

Clone	4C6
Category	Mouse monoclonal
Purification/Form	Culture supernatant (lyophilized)
Ig Class	IgG ₁
Description/Specificity	The monoclonal antibody recognizes human Ro52 (SS-A) antigen. It does not precipitate the so-called Ro ribonucleoprotein complexes. The antibody has been obtained by immunization of mice with recombinant Ro52 protein.
Application	<ul style="list-style-type: none">• Immunofluorescence microscopy• Immunoblotting
Recommended For Positive Control	HEp-2 cells
Antigen Recognized in Species (tested so far)	Human
Working Dilution	Immunofluorescence microscopy 1:5 – 1:10 Immunoblotting: 1:5 – 1:10 Optimal dilution should be tested by serial dilution.
Storage	Store lyophilized antibodies at 2-8°C. Store reconstituted antibodies after centrifugation in small aliquots at -20°C. Store undiluted, avoid repeated freezing and thawing.
Quantity/Volume	1 ml ; lyophilized antibody. Reconstitute with 1 ml PBS. After reconstitution, the solution contains 1% BSA and 0.1% NaN ₃ . Antibody concentration is 110 µg/ml.

References

1. Manual of Biological Markers of Disease, Section A. (Eds. W.J. van Venrooij & R.N. Maini), Kluwer Acad. Publ. Dordrecht (1993).
2. Manual of Biological Markers of Disease, Section B-4.1 (Eds. W.J. van Venrooij & R.N. Maini), Kluwer Acad. Publ. Dordrecht (1994).
3. Schmitz M, Bachmann M, Laubinger J, Thijssen JPH, Pruijn GJM. Characterization of murine monoclonal antibodies against the Ro52 autoantigen. Clin Exp Immunol (1997) 110(1), 53-62

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