



Anti-Sa autoantibodies

Three different autoantigen / autoantibody systems have been described under the term „Sa/anti-Sa“. One of them concerns the cold agglutinins, cold reactive autoantibodies directed against erythrocyte membrane antigens (glycophorins). The second concerns a sub-specificity of anti-nuclear antibodies (ANA), which have been first described in children and adults with autoimmune fatigue syndrome. The antigen is identical to the nuclear antigen DFS70/LEDGF/p75. Anti-DFS70 antibodies are regarded, notwithstanding of being antinuclear antibodies (ANA) as an exclusion marker of systemic autoimmune rheumatic diseases (SARD). The third Sa/anti-Sa system has been described as a serological marker in patients with rheumatoid arthritis and constitutes a species of citrullinated vimentin.

see also

- ▶ [Anti-Cold agglutinins autoantibodies](#)
- ▶ [Anti-Cyclic citrulline peptides autoantibodies \(anti-CCP\)](#)
- ▶ [Anti-DFS70 / LEDGF autoantibodies](#)

Literature

anti-Sa / Cold agglutinins

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anti-Sa / anti-Vimentin

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anti-Sa / anti-DFS70

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