



## Anti-Matrix metalloproteinase autoantibodies



### Acronyms

MMP-1, MMP-3

### see also

► [Autoantibodies in scleroderma](#)

### Literature

Nishijima C, Hayakawa I, Matsushita T, Komura K, Hasegawa M, Takehara K, Sato S: Autoantibody against matrix metalloproteinase-3 in patients with systemic sclerosis. Clin Exp Immunol (2004); 138(2): 357 - 363 (PMID: [15498049](#)).