



## Anti-Sp140 autoantibodies

### **see also**

- ▶ Hepatology
- ▶ Autoantibodies in primary biliary cirrhosis

### **Incidence**

Primary biliary cirrhosis (15 %), in higher frequency in anti-mitochondrial antibody negative (AMA-negative) patients (53 %) as in AMA-positive cases (9 %).

### **Literature**

Granito A, Yang WH, Muratori L, Lim MJ, Nakajima A, Ferri S, Pappas G, Quarneri C, Bianchi FB, Bloch DB, Muratori P: PML nuclear body component Sp140 is a novel autoantigen in primary biliary cirrhosis. *Am J Gastroenterol* (2010); 105(1): 125 - 131 (PMID: [19861957](#)).