

Mouse Monoclonal Antibody to MMP3

Catalogue Number	sAP-0661
Target Molecule	Name: MMP3 Aliases: SL-1; STMY; STR1; CHDS6; MMP-3; STMY1 MW: 54kDa Entrez Gene ID: 4314
Description	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.
Immunogen	Purified recombinant fragment of human MMP3 expressed in E. Coli. ;
Recitative Species	Human
Clone	MM4F10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Int J Cancer. 2009 May 1;124(9):2172-8. ; 2. Cancer Epidemiol Biomarkers Prev. 2008 Dec;17(12):3551-7.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**