



Magic™ Mouse Anti-Human MMP-3 Monoclonal antibody, clone 30196 (DMAB-CS24327)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human MMP-3
Target	Human MMP-3
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	30196
Conjugate	unconjugated
Applications	CLIA, LFIA
Format	Liquid
Size	1 mg
Buffer	PBS
Preservative	None
Storage	Stored at 2°C-8°C.

BACKGROUND

Introduction	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix proteins and during tissue remodeling in normal physiological processes,
--------------	--

such as embryonic development and reproduction, as well as in disease processes, such as arthritis, and tumour metastasis. Most MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases.

The MMP-3 enzyme degrades collagen types II, III, IV, IX, and X, proteoglycans, fibronectin, laminin, and elastin. In addition, MMP-3 can also activate other MMPs such as MMP-1, MMP-7, and MMP-9, rendering MMP-3 crucial in connective tissue remodeling. The enzyme is also thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation.

Keywords

Stromelysin-1; matrix metalloproteinase 3; matrix metalloproteinase-3; MMP3; MMP-3
