

MMP7

PLD-375

Package : 可询价

Product Name : MMP7**Cat.No.:** PLD-375**Synonyms** : MMP-7; MPLS1; PUMP-1**Application** : IHC-P**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this 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. The encoded preproprotein is proteolytically processed to generate the mature protease. This secreted protease breaks down proteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal hemopexin domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes on chromosome 11. This gene exhibits elevated expression levels in multiple human cancers. [provided by RefSeq, Jan 2016]

Immunogen

Recombinant protein of human MMP7

Gene ID

4316

Swiss Prot

P09237

Synonyms

MMP-7; MPLS1; PUMP-1

Reactivity

Human

Application

IHC-P

Recommended dilution

IHC-P: 1:200

Host species

Rabbit

Clonality

Monoclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.