



Rabbit Anti-Human MMP-1 polyclonal antibody (DCABH-2989)

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

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Rabbit
Target	MMP-1
Immunogen	Synthetic peptide from near C-terminus of human MMP-1 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	52 kDa (Unglyco-sylated) and 57 kDa (Glycosylated)
Cellular Localization	Cytoplasm
Positive Control	Bladder, Breast, Ovarian Carcinoma, Placenta
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

Matrix metalloproteinases (MMP) are proteolytic enzymes capable of degrading connective tissue components. Imbalanced secretion of certain MMP or disturbances in the differential control of MMP by tissue inhibitor of MMPs (TIMPs) is implicated in the invasive potential of malignant tumors. Interstitial collagenase (MMP-1) , 72kDa gelatinase A / type IV collagenase (MMP-2) , and 92kDa gelatinase B / type IV collagenase (MMP-9) dissolve extracellular matrix (ECM) and may initiate and promote angiogenesis. ****

Keywords

MMP1;matrix metalloproteinase 1 (interstitial collagenase) ;CLG,matrix metalloproteinase 1 (interstitial collagenase) ;interstitial collagenase;CLGN;27 kDa interstitial collagenase;CLG;Fibroblast collagenase;Interstitial collagenase;Interstitial col

GENE INFORMATION

Entrez Gene ID

[4312](#)

UniProt ID

[P03956](#)