



Rabbit Anti-Human MMP-9 polyclonal antibody (DCABH-3355)

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

PRODUCT INFORMATION

Target	MMP-9
Immunogen	Synthetic peptide derived from near C-terminus of human MMP-9 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	92 kDa (pro form) and ~86 kDa (active form)
Cellular Localization	Cytoplasm
Positive Control	Breast 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

MMPs are proteolytic enzymes capable of degrading connective tissue components. They have a common mode of activation, a conserved amino acid sequence in the putative metal binding-active site region, and are inhibited by specific tissue inhibitors of metalloproteinases (TIMPs) . MMPa and TIMPs play a significant role in regulating angiogenesis. This antibody reacts with both latent and active MMP-9.

Keywords

MMP9;matrix metallopeptidase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) ;CLG4B,matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase) ,matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type

GENE INFORMATION

Entrez Gene ID

[4318](#)

UniProt ID

[P14780](#)