

ARG53310 anti-MMP9 antibody

Package: 500 µl, 250 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MMP9
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MMP9
Antigen Species	Human
Immunogen	Synthetic peptide derived from near C-terminus of human MMP-9 protein.
Conjugation	Un-conjugated
Alternate Names	Matrix metalloproteinase-9; 92 kDa gelatinase; MMP-9; Gelatinase B; GELB; CLG4B; MANDP2; EC 3.4.24.35; 92 kDa type IV collagenase

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>IHC-P</td><td>1:100</td></tr> </table>	Application	Dilution	IHC-P	1:100
Application	Dilution				
IHC-P	1:100				
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Incubation Time: 10 min at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Breast Carcinoma, Placenta				
Calculated Size	92 kDa (pro form) and ~86 kDa (active form)				
Cellular Localization	Cytoplasm				

Properties

Form	Liquid
Purification	Immunogen affinity purified
Buffer	PBS (pH 7.6), 1% BSA and < 0.1% Sodium azide
Preservative	< 0.1% Sodium azide
Stabilizer	1% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

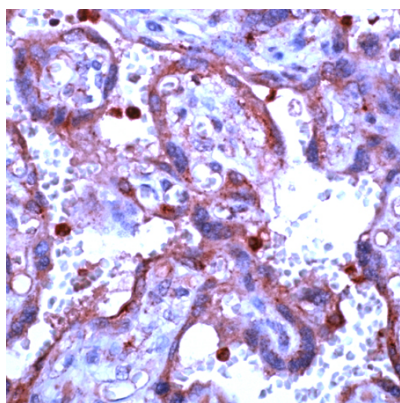
[GeneID: 4318 Human](#)

[Swiss-port # P14780 Human](#)

Background

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.

Images



ARG53310 anti-MMP-9 (92kDa Collagenase IV) antibody IHC-P image

Immunohistochemistry: Human Placenta stained with MMP-9 (92kDa Collagenase IV) antibody (ARG53310)