



Rabbit Anti-Human MMP13 monoclonal antibody, clone 4I24M28 (CABT-L1481)

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

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with mouse, rat, non-human primate and rabbit based on sequence homology.
Target	MMP13
Immunogen	Recombinant protein corresponding to amino acids 221-471 of human MMP-13
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	4I24M28
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IHC-P, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction Matrix metallopeptidase 13 belongs to the matrix metalloproteinase peptidase M10A subfamily. The inactive polypeptide undergoes serine protease cleavage, resulting in an active form containing catalytic and hemopexin-like domains. MMP-13 is involved in the breakdown of the extracellular matrix during tissue remodeling, embryonic development, and reproduction. MMP-13 cleaves type II collagen more efficiently than types I and III.

Keywords MMP13;matrix metallopeptidase 13 (collagenase 3);CLG3;MANDP1;MMP-13;collagenase 3;matrix metalloproteinase 13 (collagenase 3);anti-MMP-13

GENE INFORMATION

Entrez Gene ID [4322](#)

UniProt ID [P45452](#)