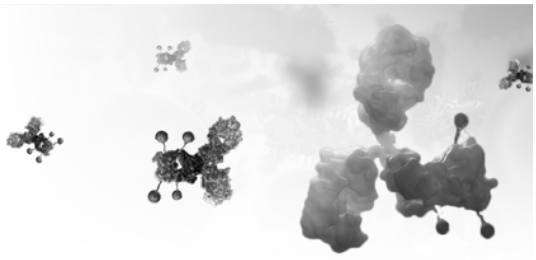

Rabbit Anti-Human MMP3 monoclonal antibody, clone 56I7M33 (CABT-L1483)

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

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with equine, non-human primate, rabbit and porcine based on sequence homology.
Target	MMP3
Immunogen	Recombinant protein corresponding to amino acids 255-477 of human MMP-3
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	56I7M33
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ELISA, FC, 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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

BACKGROUND

Introduction	Matrix Metalloproteinase 3 belongs to the peptidase M10A subfamily. It is secreted in its pro-protein form, and is activated by extracellular proteinase cleavage. MMP 3 is capable of binding to zinc and calcium ions, and has metallo-endopeptidase activity. The active enzyme degrades collagen, gelatin, fibronectin, and laminin. It is involved in normal cellular processes such as wound repair and tissue remodeling. In humans, the MMP 3 gene is located on chromosome 11.
Keywords	MMP3;matrix metallopeptidase 3 (stromelysin 1, progelatinase);SL-1;STMY;STR1;CHDS6;MMP-3;STMY1;stromelysin-1;transin-1;proteoglycanase;matrix metalloproteinase-3;matrix metalloproteinase 3 (stromelysin 1, progelatinase)

GENE INFORMATION

Entrez Gene ID	4314
UniProt ID	P08254

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