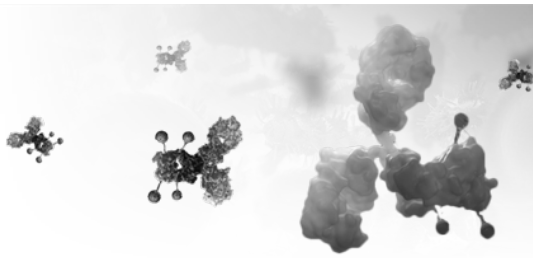

Rabbit Anti-MMP12 monoclonal antibody, clone TS04-34 (CABT-L587)

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

PRODUCT INFORMATION

Target	MMP12
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TS04-34
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	54/45/22 kDa
Cellular Localization	Secreted.
Positive Control	A549, MCF-7, Hela, THP-1, human breast carcinomna tissue, mouse lung tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis requires both calcium and zinc. MMP-12 (also designated macrophage metalloelastase) is produced in alveolar macrophages and degrades elastin. MMP-12 may contribute to elastin degradation occurring in granulomatous skin diseases and may also participate in macrophage migration through the epidermal and vascular basement membranes in inflammatory disorders.
Keywords	EC 3.4.24.65;HME;Macrophage elastase;Macrophage metalloelastase;Macrophage metaloelastase;Matrix metallopeptidase 12 (macrophage elastase);Matrix metalloprotease 12;Matrix metalloproteinase-12;ME;MGC138506;MME;MMP 12;MMP-12;Mmp12;MMP12_HUMAN antibody

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