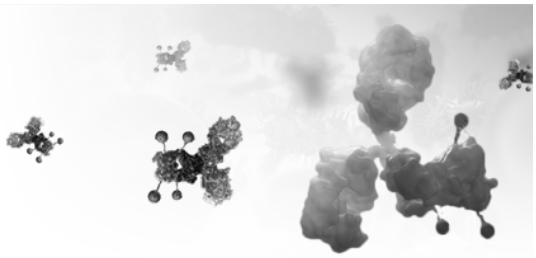

Rabbit Anti-MMP11 monoclonal antibody, clone TO85-19 (CABT-L740)

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

PRODUCT INFORMATION

Target	MMP11
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TO85-19
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	55 kDa
Cellular Localization	Secreted.
Positive Control	SW480, MCF-7, A549, human breast carcinoma tissue, human spleen tissue, mouse spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

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Preservative	0.05% Sodium Azide
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-3, MMP-10 and MMP-11 (also called stromelysin-1, -2 and -3) activate procollagenase. MMP-3 activation of procollagenase can occur via two pathways. Direct activation by MMP-3 is slow and activation by MMP-3 in conjunction with tissue or plasma proteinases is rapid. MMP-10 is expressed in small intestine, and at lower levels in lung and heart. MMP-11 is specifically expressed in stromal cells of breast carcinomas and contributes to epithelial cell malignancies.
Keywords	Matrix Metalloproteinase 11;Matrix metalloproteinase-11;MMP-11;Mmp11;MMP11_HUMAN;SL3;SL-3;SL3;ST3;STMY3;Stromelysin 3;Stromelysin III;Stromelysin-3 antibody

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