Datasheet for ABIN1533345

anti-MMP13 antibody (AA 10-59)

3 Images

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Overview

Quantity:	100 µL
Target:	MMP13
Binding Specificity:	AA 10-59
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MMP-13.
Isotype:	IgG
Specificity:	MMP-13 Antibody detects endogenous levels of total MMP-13 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	MMP13
Alternative Name:	MMP-13 (MMP13 Products)
Background:	Synonyms: Collagenase 3, Matrix metalloproteinase-13, MMP-13, MMP13

Target Details

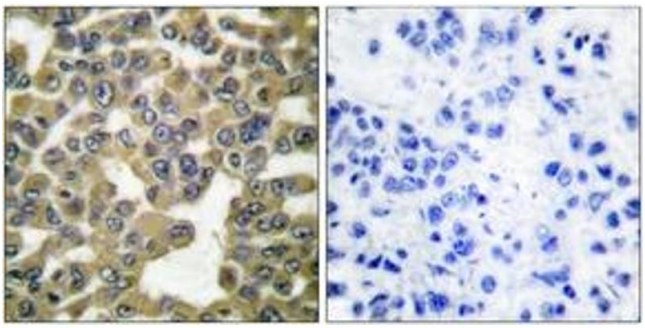
	NCBI Gene Symbol: MMP13
Molecular Weight:	53 kDa
Gene ID:	4322
OMIM:	600108
UniProt:	P45452

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.2936 (NCBI Gene Symbol: MMP13)
Restrictions:	For Research Use only

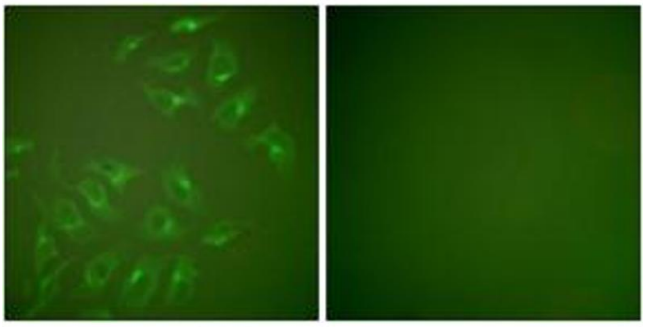
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



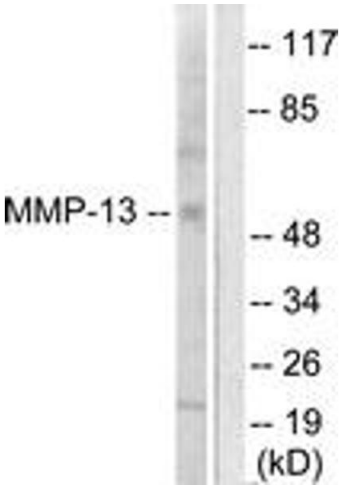
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MMP-13 Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HepG2 cells, using MMP-13 Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 3. Western blot analysis of extracts from LOVO cells, using MMP-13 Antibody. The lane on the right is treated with the synthesized peptide.