

anti- MMP13 antibody

Product Information

Catalog No.:	FNab05235
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Plays a role in the degradation of extracellular matrix proteins including fibrillar collagen, fibronectin, TNC and ACAN. Cleaves triple helical collagens, including type I, type II and type III collagen, but has the highest activity with soluble type II collagen. Can also degrade collagen type IV, type XIV and type X. May also function by activating or degrading key regulatory proteins, such as TGFB1 and CTGF. Plays a role in wound healing, tissue remodeling, cartilage degradation, bone development, bone mineralization and ossification. Plays a role in keratinocyte migration during wound healing. May play a role in cell migration and in tumor cell invasion. It can detect the glycosylated proMMP-13(70 kDa), unglycosylated proform(54 kDa).

Immunogen information

Immunogen:	matrix metalloproteinase 13(collagenase 3)
Synonyms:	CLG3, Collagenase 3, Matrix metalloproteinase 13, MMP 13, MMP13
Observed MW:	54kd,70kd
Uniprot ID :	P45452

Application

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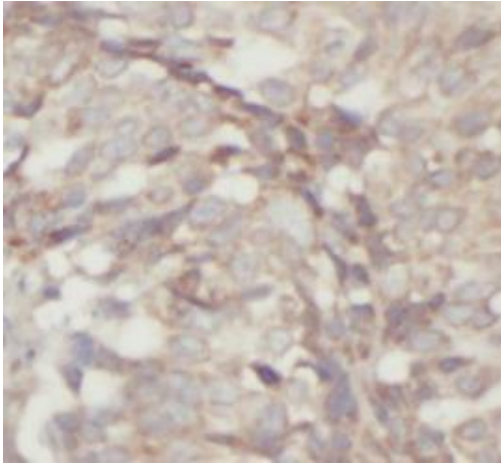
www.fn-test.com

Reactivity: Human, Mouse, Rat

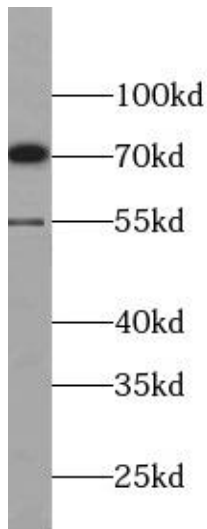
Tested Application: ELISA, IHC, WB, IF

Recommended dilution: WB: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab05235(MMP13 antibody) at dilution of 1:50



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab05235(MMP13 Antibody) at dilution of 1:600

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