

anti- MMP7 antibody

Product Information

Catalog No.:	FNab05245
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

This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. The encoded preproprotein is proteolytically processed to generate the mature protease. This secreted protease breaks down proteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal hemopexin domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes on chromosome 11. This gene exhibits elevated expression levels in multiple human cancers.

Immunogen information

Immunogen:	matrix metalloproteinase 7 (matrilysin, uterine)
Synonyms:	Matrilysin, Matrin, Matrix metalloproteinase 7, MMP 7, MMP7, MPSL1, PUMP 1, Pump 1 protease, PUMP1, Uterine metalloproteinase
Observed MW:	30 kDa
UniprotID :	P09237

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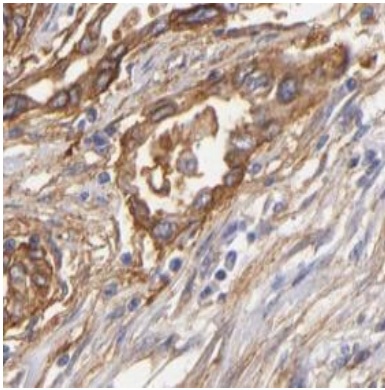
Application

Reactivity: Human, Mouse, Rat

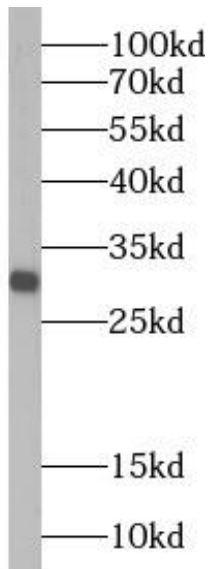
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab05245(MMP7 antibody) at dilution of 1:100



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with FNab05245(MMP7 antibody) at dilution of 1:1000

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