

MMP19 Polyclonal Antibody

Catalog number: 14244-1-AP

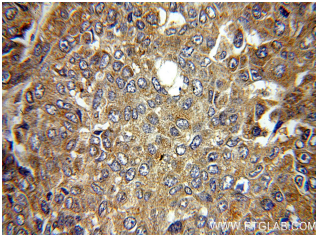
Size: 23 µg/150 µl

Source: Rabbit

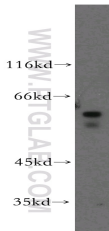
Isotype: IgG

Synonyms:

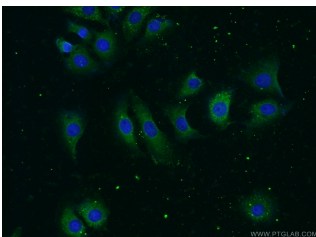
MMP19; matrix metalloproteinase 19, Matrix metalloproteinase 18, Matrix metalloproteinase 19, Matrix metalloproteinase RASI, MMP 18, MMP 19, MMP18, MMP19, RASI, RASI 1



Immunohistochemical of paraffin-embedded human liver cancer using 14244-1-AP(MMP19 antibody) at dilution of 1:50 (under 40x lens)



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 14244-1-AP(MMP19 antibody) at dilution of 1:300



Immunofluorescent analysis of (-20 Ethanol) fixed SH-SY5Y cells using 14244-1-AP(MMP19 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

MMP19(matrix metalloproteinase-19) has the capacity to degrade several basement membrane proteins such as type IV collagen, laminin, tenascin C, and nidogen. It is expressed by microvascular endothelial cells in vitro as well as by capillaries in the inflamed synovial membrane, whereas its expression is absent in quiescent macrovascular endothelial cells of large arteries and veins . And it is also detected in capillaries of normal mammary tissue, benign mammary carcinomas and in skin capillaries(PMID:15241558).

Applications

Tested applications:	ELISA, WB, IHC, IP, IF
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated MMP19 MW:	57 kDa
Observed MMP19 MW:	57-60 kDa
Positive WB detected in	SH-SY5Y cells, human placenta tissue
Positive IP detected in	Human placenta tissue
Positive IHC detected in	Human liver cancer tissue
Positive IF detected in	SH-SY5Y cells
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:20-1:200

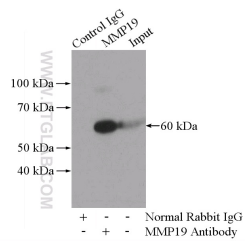
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5501
GenBank accession number:	BC050368
Gene ID (NCBI):	4327
Full name:	Matrix metalloproteinase 19

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-MMP19
(IP:14244-1-AP, 4ug;
Detection:14244-1-AP 1:500)
with human placenta tissue
lysate 1520ug.