For Research Use Only

MMP14 / MT1-MMP Polyclonal antibody

Catalog Number:29111-1-AP

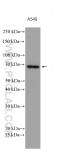
2 Publications

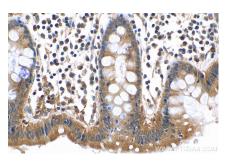


Basic Information	Catalog Number: 29111-1-AP	GenBank Accession Number: BC064803	Purification Method: Antigen affinity purification
	Size:	GenelD (NCBI):	Recommended Dilutions:
	150ul , Concentration: 400 ug/ml by	4323	WB 1:500-1:1000
	Nanodrop;	UNIPROT ID:	IHC 1:50-1:500
	Source:	P50281	IF/ICC 1:50-1:500
	Rabbit	Full Name:	
	Isotype: IgG	matrix metallopeptidase 14 (membrane-inserted)	
	Immunogen Catalog Number: AG30755	Calculated MW: 66 kDa	
		Observed MW: 66-70 kDa	
Applications	Tested Applications: WB, IHC, IF/ICC, ELISA		ve Controls:
	Cited Applications:		.549 cells,
	WB	IHC : I	numan colon cancer tissue,
	Species Specificity:	IF/ICO	C : A549 cells,
	Human, mouse		
	Cited Species: human, mouse		
	TE buffer pH 9.0; (*) Alternati retrieval may be performed w buffer pH 6.0		
Background Information	role in tumor growth, invasion and m degradation of collagen IV, a major of inhibitor of metalloproteinase-2 (TIM intrahepatic metastasis, and patient present in centromere and could lead	etastasis. MT1-MMP is a cell m component of the basement me (IP-2) to activate pro-MMP-2. M outcome in hepatocellular car d to chromosome instability in ular compartments. In western	e (MMP) family member which plays a crucia embrane-bound proteinase, and it enhances embrane, by forming a complex with tissue [1-MMP can influence venous invasion, cinoma (HCC). MT1-MMP was reported to be MDCK cells, indicating that MT1-MMP may ha blotting, pro-MMP14 (65 kDa) and MMP14 (51 prms (PMID:12097451).
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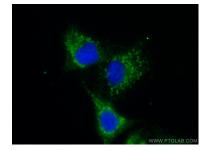
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data





A549 cells were subjected to SDS PAGE followed by western blot with 29111-1-AP (MMP14 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. Immunohistochemical analysis of paraffinembedded human colon cancer tissue slide using 29111-1-AP (MMP14 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using MMP14 antibody (29111-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).