## For Research Use Only

## Cathepsin L Monoclonal antibody Catalog Number:66914-1-Ig Featured Product 5 Publications

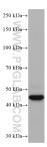
oroteintech Antibodies | ELISA kits | Proteins www.ptglab.com

Basic Information	Catalog Number: 66914-1-lg	GenBank Accession Number: BC012612		Purification Method: Protein A purification	
	Concentration:Genel D (NCBI):1400 ug/ml1514		l):	CloneNo.:	
				1A12G8	
	Source:	UNIPROT ID:		Recommended Dilutions: WB 1:1000-1:8000	
	Mouse	P07711			
	Isotype:	Full Name:		IHC 1:500-1:2000 IF/ICC 1:400-1:2000	
	IgG2b Immunogen Catalog Number:	cathepsin L1 Calculated M	\ <b>\</b> /-		
	AG27951	38 kDa Observed MW: 43 kDa			
Applications	WB, IHC, IF/ICC, ELISA WB : A544 Cited Applications: cells, Hel WB, IHC IHC : hum		Positive Co	ontrols:	
				349 cells, NCI-H1299 cells, HUVEC cells, HepG	
				han prostate cancer tissue, IEK-293 cells,	
	Cited Species: human Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0				
					Background Information
Notable Publications	Author	Pubmed ID	Journal	Application	
	Pingping Liu	36382580	Cancer Sci	WB	
	Lexuan Bi	39864211	Tissue Cell	IHC	
	Fujun Dai	39632400	Chem Biodivers	WB	
Storage	Storage: Store at -20°C. Stable for one yea Storage Buffer: PBS with 0.02% sodium azide an				

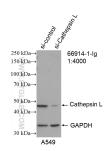
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data

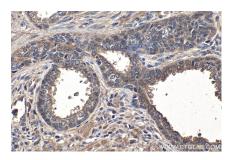
temperature for 1.5 hours.



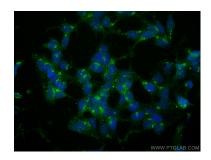
A 549 cells were subjected to SDS PAGE followed by western blot with 66914-1-1g (Cathepsin L antibody) at dilution of 1:5000 incubated at room



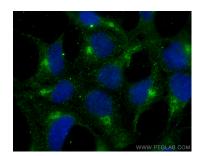
WB result of Cathepsin L antibody (66914-1-Ig; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Cathepsin L transfected A549 cells.



Immunohistochemical analysis of paraffinembedded human prostate cancer tissue slide using 66914-1-1g (Cathepsin L antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using Cathepsin L antibody (66914-1-Ig, Clone: 1A12G8) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using Cathepsin L antibody (66914-1-Ig, Clone: 1A12G8) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1).