

For Research Use Only

COL5A1 Monoclonal antibody

Catalog Number: 67604-1-Ig 9 Publications



Basic Information

Catalog Number: 67604-1-Ig	GenBank Accession Number: NM_000093	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1289	CloneNo.: 2C2C2
Source: Mouse	UNIPROT ID: P20908	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: collagen, type V, alpha 1	
	Calculated MW: 184 kDa	
	Observed MW: 220 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB, IHC, IF	WB : HT-1080 cells, mouse colon tissue, HeLa cells, pig colon tissue, rat colon tissue, Saos-2 cells, SiHa cells
Species Specificity: human, mouse, rat, pig	IHC : human breast cancer tissue,
Cited Species: human, mouse	IF/ICC : U2OS cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Meng-Han Zhang	36273780	Respir Physiol Neurobiol	WB
Zongfu Pan	36192735	Mol Cancer	WB,IHC,IF
Yinan Chen	34976220	Theranostics	IF

Storage

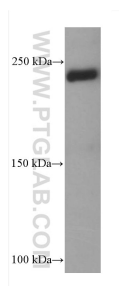
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

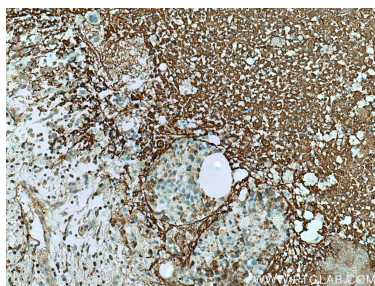
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

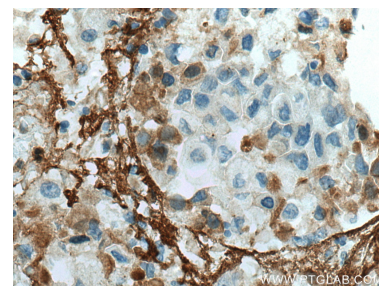
Selected Validation Data



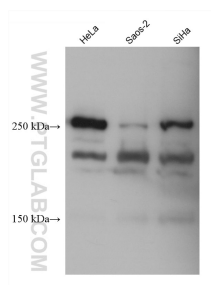
HT-1080 cells were subjected to SDS PAGE followed by western blot with 67604-1-Ig (Collagen Type V antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



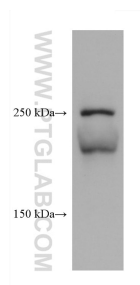
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67604-1-Ig (Collagen Type V antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



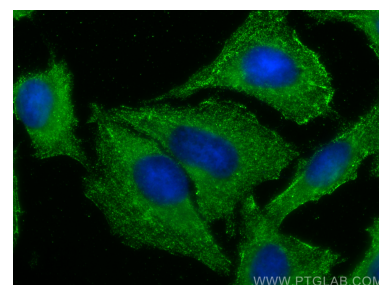
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67604-1-Ig (Collagen Type V antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67604-1-Ig (Collagen Type V antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67604-1-Ig (Collagen Type V antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using Collagen Type V antibody (67604-1-Ig, Clone: 2C2C2) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1).