

For Research Use Only

COL6A1 Recombinant antibody, PBS Only

Catalog Number: 85704-1-PBS



Basic Information

Catalog Number: 85704-1-PBS	GenBank Accession Number: BC052575	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1291	CloneNo.: 242936H3
Source: Rabbit	UNIPROT ID: P12109	
Isotype: IgG	Full Name: collagen, type VI, alpha 1	
Immunogen Catalog Number: AG11809	Calculated MW: 1028 aa, 109 kDa	
	Observed MW: 140 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Type VI Collagen is a major structural component of microfibrils. Type VI Collagen was found to be present throughout the connective tissue and in the extracellular matrix of cultured fibroblasts (PMID: 6723253). It is a heterotrimer composed of three different chains: alpha-1(VI), alpha-2(VI), and alpha-3(VI) or alpha-5(VI) or alpha-6(VI). The alpha-1(VI) chain is encoded by COL6A1 gene. Mutations in this gene result in Bethlem myopathy and Ullrich congenital muscular dystrophy.

Storage

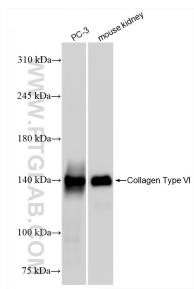
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

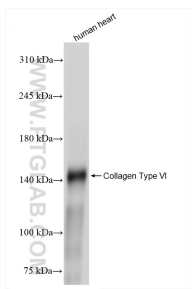
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

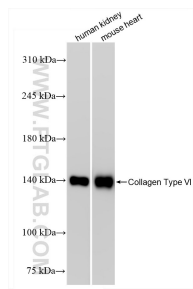
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85704-1-RR (COL6A1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85704-1-PBS in a different storage buffer formulation.



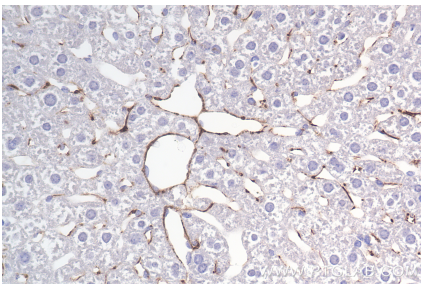
human heart tissue were subjected to SDS PAGE followed by western blot with 85704-1-RR (COL6A1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85704-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 85704-1-RR (COL6A1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85704-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 85704-1-RR (Collagen Type VI antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85704-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 85704-1-RR (Collagen Type VI antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85704-1-PBS in a different storage buffer formulation.