

COL6A1 Polyclonal Antibody

Catalog NumberPA5-13533

Product data sheet

Details		Tested Applications	Dilution *
Size	400 µL	Flow Cytometry (Flow)	1:10-1:50
Host/Isotope	Rabbit / IgG	Immunohistochemistry (Paraffin) (IHC (P))	1:10 - 1:50
Class	Polyclonal	Western Blot (WB)	1:1,000
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	KLH conjugated synthetic peptide between 48-77 amino acids from the N-terminal region of human COL6A1		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	2 mg/mL		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with mouse based on sequence homology.

Background/Target Information

The extensive family of COL gene products (collagens) is composed of several chain types, including fibril-forming interstitial collagens (types I, II, III and V) and basement membrane collagens (type IV), each type containing multiple isoforms. Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function.

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