Collagen I Polyclonal Antibody
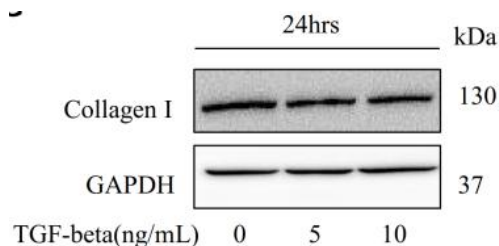
Product Details

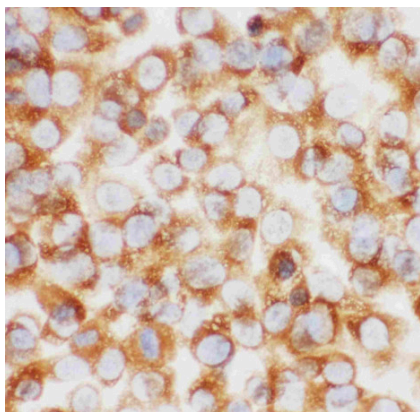|	
Size	50ul/100ul
Species Reactivity	Human, Mouse, Rat, Bovine
Tested Application	WB, IHC, IF/ICC, ELISA(peptide)
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Collagen I, corresponding to a region within N-terminal amino acids.
Form	Liquid
Concentration	1mg/mL
Purification	Affinity chromatography
Storage buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Contains	150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

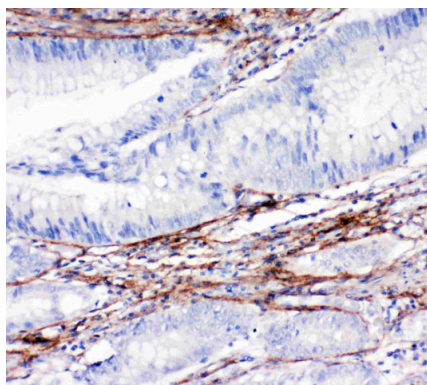## Product Images For Collagen I Polyclonal Antibody

Representative Western blot and summarized data of Collagen I (RA1050) GAPDH in 24, 48, and 72 h (N = 4).

Collagen I Antibody (RA1050) in ICC/IF
Immunofluorescence analysis of Collagen I in NIH3T3 cell. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with Collagen I polyclonal antibody (Product # RA1050) at a 1 μg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C) using a dilution and developed with Strepavidin-Biotin-Complex/DAB.

Collagen I Antibody (RA1050) in IHC (P)
Immunohistochemistry analysis of Collagen I in paraffin-embedded human intestinal cancer tissues. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with Collagen I polyclonal antibody (Product # RA1050) at a 1 μg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Strepavidin-Biotin-Complex and DAB.