

Product Datasheet

Collagen I Antibody [HRP] NBP2-46875

Unit Size: 0.05 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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NBP2-46875

Collagen I Antibody [HRP]

Product Information	
Unit Size	0.05 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Reconstitution Instructions	Reconstitute with 50 ul deionized water
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	Lyophilized from 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Target Molecular Weight	139 kDa
Product Description	
Host	Rabbit
Gene ID	1277
Gene Symbol	COL1A1
Species	Human, Mouse, Rat, Porcine, Bovine, Rabbit
Reactivity Notes	This antibody reacts with human, bovine, and most mammalian Type I collagens with negligible cross-reactivity with Type II, III, IV, V or VI collagens Use in Mouse reported in scientific literature (PMID: 33758176).
Specificity/Sensitivity	Some class-specific anti-collagens may be specific for three-dimensional epitopes which may result in diminished reactivity with denatured collagen or formalin-fixed, paraffin embedded tissues. This antibody reacts with most mammalian Type I collagens and has expected cross-reactivity with Type III and negligible cross reactivity with Type II, IV, V or VI collagens. Non-specific cross-reaction of anti-collagen antibodies with other human serum proteins or non-collagen extracellular matrix proteins has not been tested.
Immunogen	Collagen I from human and bovine placenta (Uniprot: P02452)
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:3000-1:6000, Flow Cytometry 1:10 - 1:1000, ELISA 1:3000-1:6000, Immunohistochemistry 1:50-1:200, Immunoprecipitation 1:100





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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