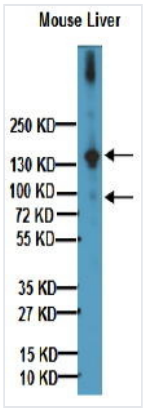
Collagen Type I Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Collagen Type I, Polyclonal Antibody
Full Product Name	Collagen Type I (APC)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes mouse Collagen Type 1. <0.1% reactivity with mouse Collagen Types II, IV and with human, rat and chicken Collagen Type I. 1% reactivity with mouse Collagen Type III.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Collagen Type 1 extracted and purified from mouse skin.
Conjugate	APC
Note	Preservative Free
Product Categories/Family for anti-Collagen Type I antibody	Antibodies; Collagen
Applications Tested/Suitable for anti-Collagen Type I antibody	Western Blot (WB), Immunohistochemistry (IHC), Radioimmunoassay (RIA), ELISA (EIA)
Application Notes for anti-Collagen Type I antibody	WB: 1:500. Detects Collegen Type 1 on 10ug of mouse liver lysate IHC: 1:40 for immunofluorescent staining of frozen mouse skin and liver tissues Applications are based on unconjugated antibody.
Related Product Information for anti-Collagen Type I antibody	MBS6469667 is an antibody targeting Collagen Type I. Also known as Collagen Type I (APC). Reactive in Mouse. Host: Rabbit.
Product References and Citations for anti-Collagen Type I antibody	1. Ramshaw, J A and Werkmeister, J A (1988) Anal. Biochem., 168: 82-7 (1988). 2. Martínez-Salgado, Carlos, et al (2006). Exp Cell Res, 312:2093-106 (2006). 3. Phillips, Roderick J, et al. (2004). J. Clin. Invest., 114: 438-46 (2004).
Other Notes	Small volumes of anti-Collagen Type I antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-Collagen Type I antibody
Western Blot Analysis: Mouse Liver lysate was resolved by electrophoresis, transferred to membrane and probed with C7510-17J (1:500). Proteins were visualized using a IgG (HRP) Pab Dk xRb and a chemiluminescence detection system. Arrow indicates protein Collagen Type I precursor (~140kD) and mature Collagen Type I (70-90kD).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Collagen Type I. It may not necessarily be applicable to this product.

Protein Family	Collagen type IV alpha-3-binding protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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