

Product Datasheet

COL1A1 antibody (orb345831)

Description

COL1A1 antibody

Collagen → 
Species/Host

Rabbit

Reactivity

Bovine, Human, Mouse, Rat

Conjugation

FITC

Tested

ELISA, FC, IHC, IP, WB

Applications

Western blot
analysis of
Wistar rat
hepa...

Immunogen

Collagen Type I from human and bovine placenta.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Lyophilized

Concentration

1.0 mg/mL

Storage

Store vial at 4° C prior to restoration. Restore with 0.05 mL of deionized water (or equivalent). For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of restoration.

Note

For research use only

Application notes

Anti-COLLAGEN Type I Fluorescein Conjugated Antibody is suitable for western blot, immunoprecipitation, Flow Cytometry, and immunohistochemistry. Researchers should determine optimal titers for applications that are not stated below.

Isotype

IgG

Clonality

Polyclonal

Purity

This product has been prepared by immunoaffinity chromatography using immobilized antigens. 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.

Uniprot ID

P02452

NCBI

NP_000079.2