

# Collagen I (4B5) Mouse Monoclonal Antibody

OPM1387

**Reactivity** H, M, R

**Host** Mouse

**Isotype** IgG1

**Storage** -20°C, Avoid freeze / thaw cycles

**Applications** IHC

**Concentration** 1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## Images



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using Collagen I Mouse mAb diluted at:200.



Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using Collagen I Mouse mAb diluted at:200.

## Immunogen Information

**Immunogen** Synthetic Peptide

**Swiss prot** P02452

**Synonyms** Alpha type I collagen COL1A1 COL1A3

## Product Information

**Observed MW** 139 kDa

**Buffer** PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

**Dilution** IHC:1/100-200

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user

## Background

Type collagen is a trimeric complex comprised of two molecules of COL1A1 (alpha-1 type collagen) and one molecule of COL1A2 (alpha-2 type collagen). The expression levels of COL1A1 are regulated by multiple mechanisms including mRNA stability translation and post translational modification.

## Research Use

For research use only, not for use in diagnostic procedure.

## Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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