

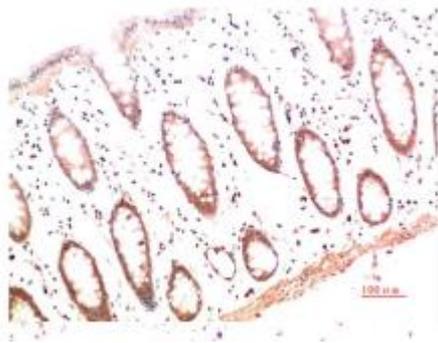
Collagen I (4B5) Mouse Monoclonal Antibody

OPM1387

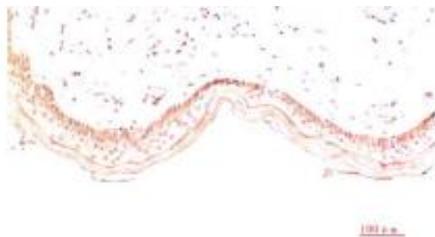
Reactivity	H, M, R	Storage	-20°C, Avoid freeze / thaw cycles
Host	Mouse	Applications	IHC
Isotype	IgG1	Concentration	1 mg/mL

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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