

Collagen I Mouse Monoclonal Antibody(4H10)

Catalog No: RA10222

Basic Information

Host species	Mouse
Applications	IHC
Species Cross-Reactivity	H,R,M
Specificity	Antibody can detects endogenous Collagen I proteins.
Recommended dilutions	IHC: 1:100-200 Optimal dilutions should be determined by the end user.

Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

Background

Alternative Names	Alpha 1 type I collagen, COL1A1, COL1A2
Observed band	139
Human Gene ID	
Human Swiss-Prot Number	P02452
Background	Type 1 collagen is a trimeric complex comprised of two molecules of COL1A1 (alpha-1 type 1 collagen) and one molecule of COL1A2 (alpha-2 type 1 collagen). The expression levels of COL1A1 are regulated by multiple mechanisms, including mRNA stability, translation, and posttranslational modification.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using Collagen I Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using Collagen I Mouse mAb diluted at 1:200.