

# Collagen I Mouse Monoclonal Antibody(4B5)

Catalog No.: RA10223

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	139KD

### Applications

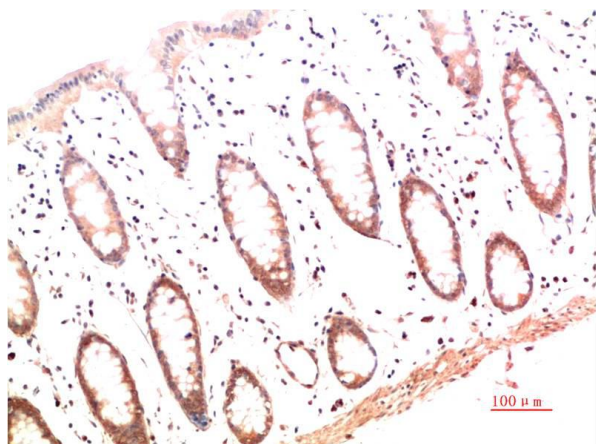
### Recommended Dilution

IHC	1:100-200
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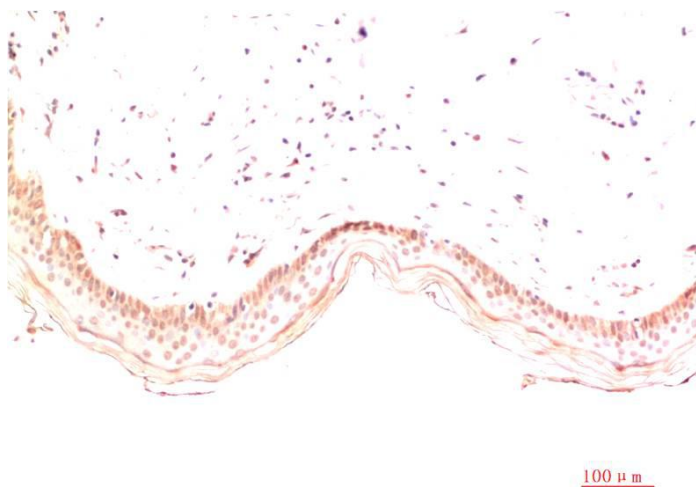
### Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental 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.

## 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.