

# Anti-Collagen I antibody [SM0490] (STJA0010490)

STJA0010490

## GENERAL INFORMATION

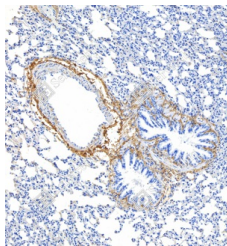
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Collagen I is suitable for use in Immunohistochemistry and Immunofluorescence research applications.
<b>Applications</b>	IHC/IF
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Mouse/Rat

## PRODUCT PROPERTIES

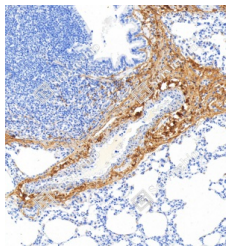
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	SM0490
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	IHC/IF (H, M, R) 1:500-1:1000
<b>Formulation</b>	PBS with 0.15% ProClin300, 100 Mu g/mL BSA and 50% glycerol.
<b>Isotype</b>	IgG2ak
<b>Storage Instruction</b>	Store at -20C for up to one year, and avoid repeated freeze-thaw cycles.

## TARGET INFORMATION

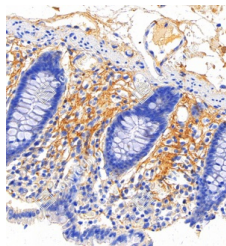
<b>Gene ID</b>	1277
<b>Gene Symbol</b>	COL1A1
<b>Uniprot ID</b>	CO1A1_HUMAN
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Human Collagen I
<b>Immunogen Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



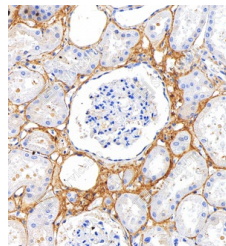
Immunohistochemistry analysis of Collagen I. Sample: Rat lung, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1:1000, 4C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-mouse IgG, Ready to use, RT, 20min.



Immunohistochemistry analysis of Collagen I. Sample: Rat lung, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1:1000, 4C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-mouse IgG, Ready to use, RT, 20min.



Immunohistochemistry analysis of Collagen I. Sample: Human colon, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1:1000, 4C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-mouse IgG, Ready to use, RT, 20min.



Immunohistochemistry analysis of Collagen I. Sample: Human kidney, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2 min. Primary antibody: 1:1000, 4C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-mouse IgG, Ready to use, RT, 20min.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081