

COL3A1 Monoclonal Antibody

catalog number: E-AB-22071

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

Description

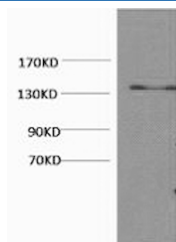
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	5G2
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications

Recommended Dilution

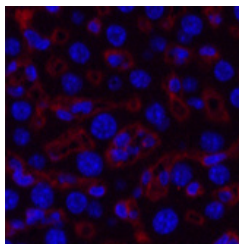
WB	1:500-1:2000
IHC	1:50-300
IF	1:100-1:300

Data

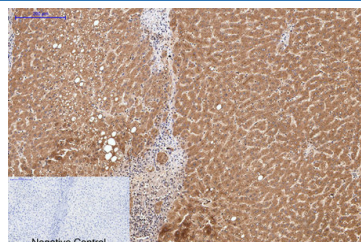


Western Blot analysis of Hela cells using COL3A1 Monoclonal Antibody at dilution of 1:1000.

Observed-MW:138 kDa
Calculated-MW:139 kDa



Immunofluorescence analysis of Mouse liver tissue using COL3A1 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human liver tissue using COL3A1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

This gene encodes the pro- $\alpha 1$ chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene.