

Product datasheet for **TA812161S**

Collagen III (COL3A1) Mouse Monoclonal Antibody [Clone ID: OTI2G3]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2G3 |
| Applications: | WB |
| Recommended Dilution: | WB 1:500 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 981-1205 of human COL3A1 (NP_000081) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 138.56 kDa |
| Gene Name: | collagen type III alpha 1 chain |
| Database Link: | NP_000081 Entrez Gene 12825 Mouse Entrez Gene 84032 Rat Entrez Gene 1281 Human P02461 |
| Background: | This gene encodes the pro-alpha1 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. [provided by R. Dalgleish, Feb 2008] |



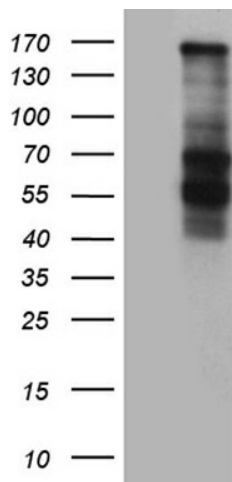
[View online »](#)

Synonyms: EDS4A

Protein Families: Druggable Genome

Protein Pathways: ECM-receptor interaction, Focal adhesion

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY COL3A1 (Cat# [RC211766], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-COL3A1 antibody (Cat# [TA812161]). Positive lysates [LY400026] (100ug) and [LC400026] (20ug) can be purchased separately from OriGene.