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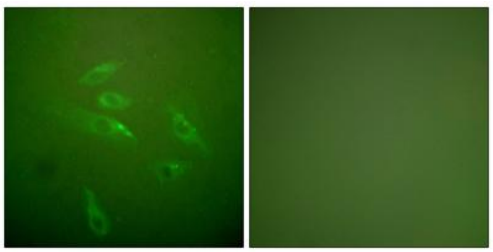
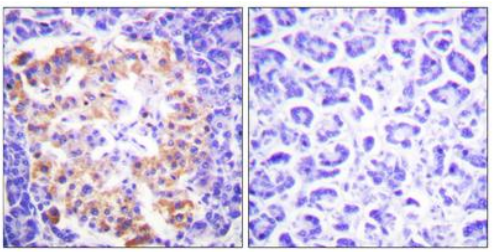
| **Product name:** | Collagen Type III Alpha 1 Rabbit Polyclonal Antibody |
| **Cat number:** | AB-E5927 |
| **Conjugate:** | Unconjugated |
| **Size:** | 100 ug |
| **Clone:** | POLY |
| **Concentration:** | 1mg/ml |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Immunogen:** | The antiserum was produced against synthesized peptide derived from human Collagen III. AA range:81-130 |
| **Reactivity:** | Human;Mouse;Rat |
| **Applications:** | Immunohistochemistry: 1/100 - 1/300 Immunofluorescence: 1/200 - 1/1000 |
| **Purification:** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Form:** | Liquid |
| **Buffer:** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Storage:** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Background:** | collagen type III alpha 1 chain(COL3A1) Homo sapiens 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. |



Immunofluorescence analysis of HeLa cells, using Collagen III Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human pancreas tissue, using Collagen III Antibody. The picture on the right is blocked with the synthesized peptide.