

## Product Datasheet

### COL1A1 Rabbit Polyclonal Antibody (orb1294293)

<b>Catalog Number</b>	orb1294293
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to COL1A1
<b>Target</b>	COL1A1 / Collagen I
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit-IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Buffer/Preservatives</b>	100mM Tris Glycine, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
<b>Immunogen</b>	Synthetic peptide / encompassing a sequence within the C-terminus region.
<b>Tested applications</b>	IF, IHC, WB
<b>Dilution range</b>	Western Blot 1:1000-1:1500, Immunofluorescence 1:300-1:500, Immunohistochemistry (Paraffin) 1:100-1:300
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only

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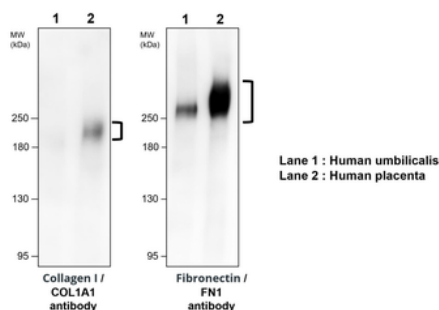
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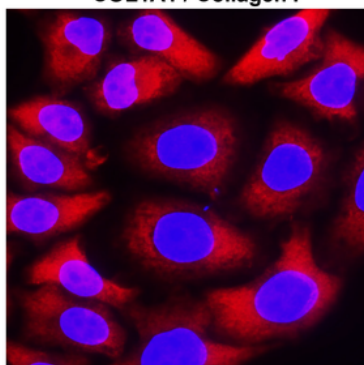
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**Expiration Date** 12 months from date of receipt.

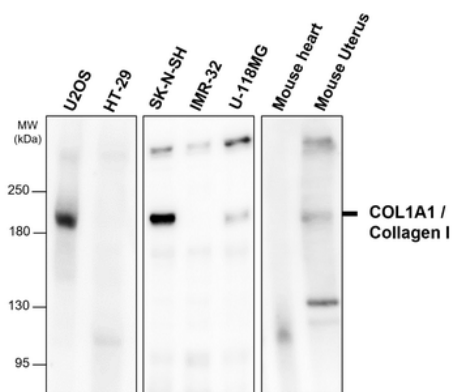


Anti-COL1A1 / Collagen I antibody - at 1/1000 dilution. Lysates at 50 µg per lane. This blot was produced using a 5% SDS-PAGE. Nitrocellulose membrane was then blocked before being incubated with orb1294293 overnight at 4°C.

**COL1A1 / Collagen I**



Cells were fixed with 4% PFA for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min. Cells were stained with orb1294293 anti-COL1A1 / Collagen I antibody (red) at 1:400 and 4°C.



COL1A1 / Collagen I antibody - at 1/1000 dilution. Lysates at 40 µg per lane. This blot was produced using a 5% SDS-PAGE. Nitrocellulose membrane was then blocked before being incubated with orb1294293 overnight at 4°C.

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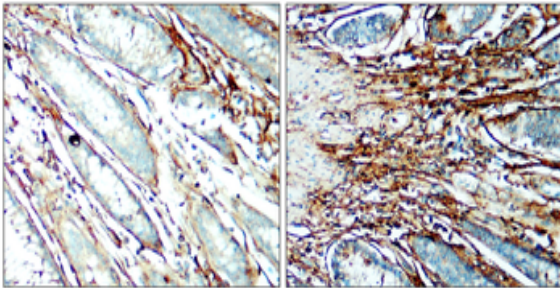
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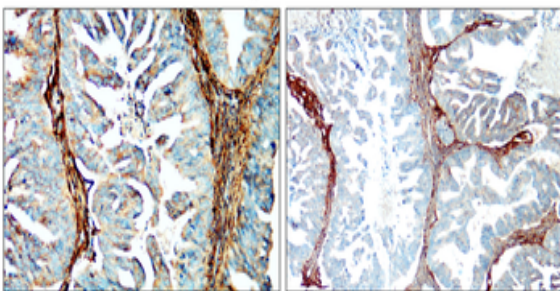
COL1A1 / Collagen I antibody - at 1/250 dilution. Lysates at 50  $\mu$ g per lane. This blot was produced using a 5% SDS-PAGE. Nitrocellulose membrane was then blocked before being incubated with orb1294293 overnight at 4°C.

Colorectal carcinoma



Immunohistochemical analysis of paraffin embedded mouse testis labeling COL1A1 / Collagen I with orb1294293 at 1/150.

Ovary carcinoma



Immunohistochemical analysis of paraffin embedded mouse testis labeling COL1A1 / Collagen I with orb1294293 at 1/150.

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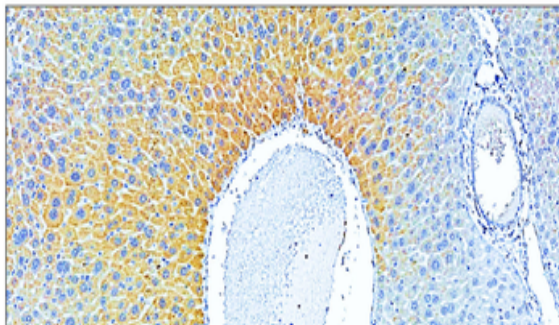
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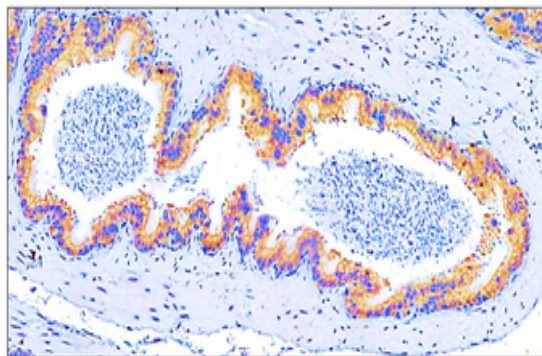
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**Mouse Liver**

Immunohistochemical analysis of paraffin embedded Mouse tissue labeling COL1A1 / Collagen I with orb1294293 at 1/100.

**Mouse Prostate**

Immunohistochemical analysis of paraffin embedded Mouse tissue labeling COL1A1 / Collagen I with orb1294293 at 1/100.

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