

## Product Datasheet

# Collagen, Type III Col3a1 Mouse Monoclonal Antibody (orb18207)

<b>Catalog Number</b>	orb18207
<b>Category</b>	Antibodies
<b>Description</b>	Anti-Collagen, Type III Col3a1 Antibody (Monoclonal, FH-7A). Tested in IHC, WB applications. This antibody reacts with Human, Rat.
<b>Target</b>	Collagen alpha-1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Rat
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	Adding 1 ml of PBS buffer will yield a concentration of 100 µg/ml.
<b>Buffer/Preservatives</b>	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN <sub>3</sub> . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
<b>Reconstitution</b>	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Purification</b>	Ascites

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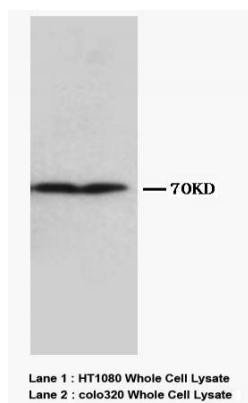
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<b>Immunogen</b>	Human collagen type III.
<b>UniProt ID</b>	<b>P13941</b>
<b>MW</b>	49 kDa
<b>Tested applications</b>	IHC, WB
<b>Dilution range</b>	Immunohistochemistry (Frozen Section), 0.5-1µg/ml, Human, rat, - Western blot, 0.25-0.5µg/ml, Human, rat
<b>Specificity</b>	No cross reactivity with other proteins.
<b>Cross Reactivity</b>	No cross-reactivity with other proteins
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	FH-7A
<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
<b>Expiration Date</b>	12 months from date of receipt.



Western Blot analysis of cell lysate using Collagen III antibody

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