

Product Datasheet

Collagen I/COL1A2 Rabbit pAb (orb373292)

Catalog Number	orb373292
Category	Antibodies
Description	Rabbit polyclonal antibody to CO1A2
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Buffer/Preservatives	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Purification	Affinity purification
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 501-600 of human Collagen I/COL1A2 (NP_000080.2).
UniProt ID	P08123
MW	165kDa
Tested applications	ELISA, IF, IHC-P, WB
Dilution range	WB: 1:500-2000
Storage	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.
Note	For research use only

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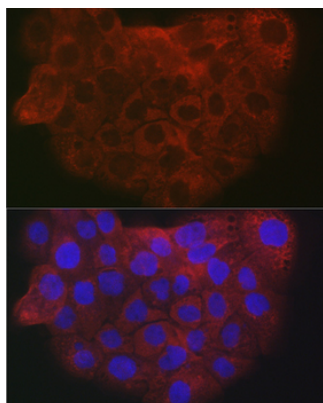
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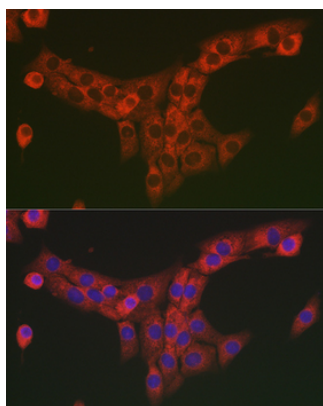
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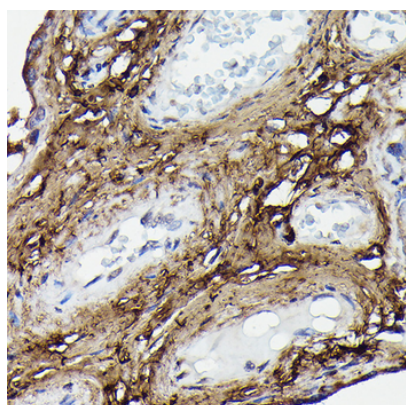
Expiration Date 12 months from date of receipt.



Immunofluorescence analysis of A-431 cells using Collagen I/COL1A2 Rabbit pAb (orb373292) at dilution of 1:25. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Collagen I/COL1A2 Rabbit pAb (orb373292) at dilution of 1:25. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using Collagen I/COL1A2 Rabbit pAb (orb373292) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

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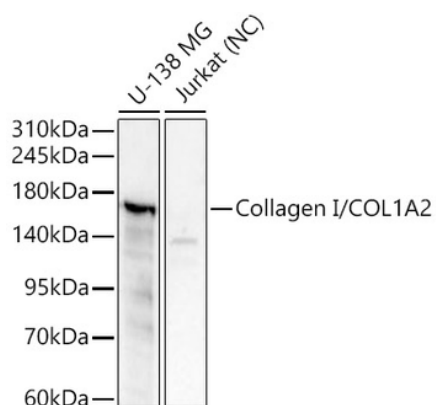
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Western blot analysis of various lysates, using Collagen I/COL1A2 Rabbit pAb (orb373292) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Negative control (NC):JurkatExposure time: 30s.

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