

Product Datasheet

Collagen IV Rabbit Polyclonal Antibody (orb101038)

Catalog Number	orb101038
Category	Antibodies
Description	Collagen IV Rabbit Polyclonal Antibody
Target	COL4A1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Bovine, Canine, Equine, Gallus, Mouse, Porcine, Rabbit
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human Collagen alpha-1(IV) chain (1571-1669/1669aa)
UniProt ID	P02462

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Cambridge
CB5 8LA
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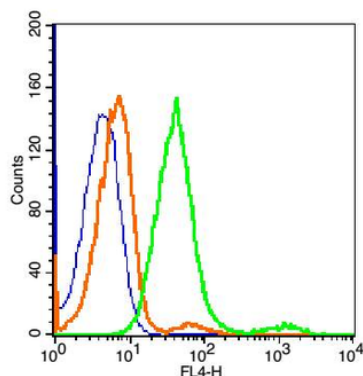
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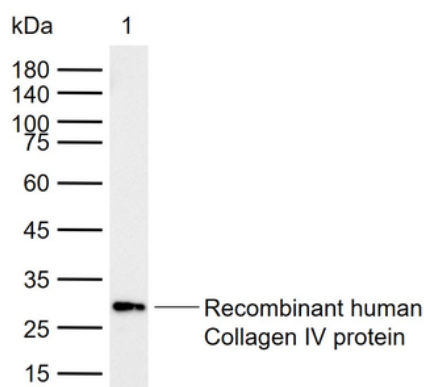
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MW	165 kDa
Tested applications	IF, IHC-Fr, IHC-P
Dilution range	IHC-P=1:200-1000, IHC-F=1:200-1000, IF=1:200-1000
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: Hepg2 Cells (blue). Primary Antibody: Rabbit Anti-Collagen IV/AF647 Conjugated antibody, Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA, Isotype Control Antibody: Rabbit IgG/AF647 (orange), used under the same conditions.



Sample: Lane 1: Recombinant human Collagen IV protein, N-His, Primary: Anti-Collagen IV (orb101038) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 165 kDa, Observed band size: 28 kDa.

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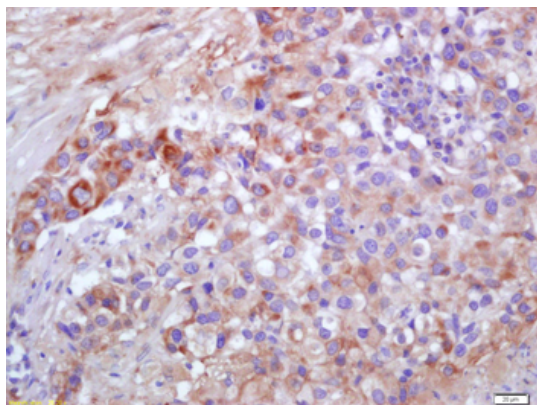
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Tissue/cell: human lung carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Collagen IV Polyclonal Antibody, Unconjugated (orb101038) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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