

## Product Datasheet

### COL4A2 rabbit pAb Antibody (orb767611)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb767611  |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | Rabbit polyclonal antibody to Collagen IV  |
| <b>Clonality</b>            | Polyclonal   |
| <b>Isotype</b>              | IgG  |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Reactivity</b>           | Human, Mouse   |
| <b>Concentration</b>        | 1 mg/ml  |
| <b>Buffer/Preservatives</b> | PBS with 0.02% sodium azide and 50% glycerol pH 7.4.   |
| <b>Purification</b>         | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Immunogen</b>            | The antiserum was produced against synthesized peptide derived from human Collagen IV alpha2. AA range:151-200   |
| <b>MW</b>                   | 150  |
| <b>Tested applications</b>  | ELISA, IF, IHC, WB   |
| <b>Dilution range</b>       | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. |
| <b>Source</b>               | Rabbit   |

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**Storage**

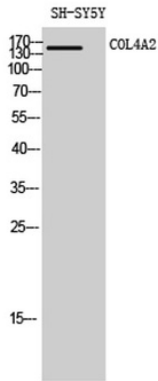
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

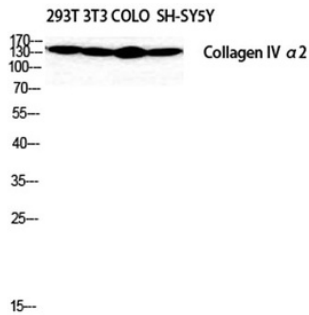
For research use only

**Expiration Date**

12 months from date of receipt.



Western Blot analysis of SH-SY5Y cells using COL4A2 Polyclonal Antibody diluted at 1:2000.



Western Blot analysis of SH-SY5Y 293T NIH-3T3 COLO cells using COL4A2 Polyclonal Antibody diluted at 1:2000.

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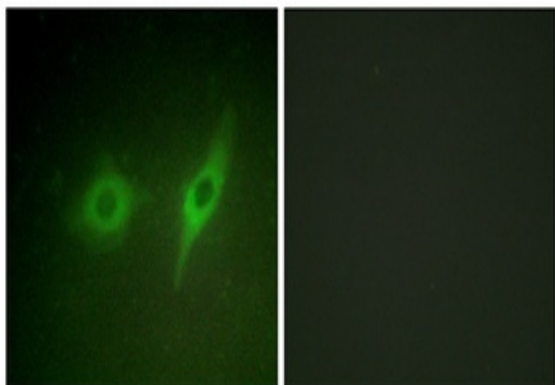
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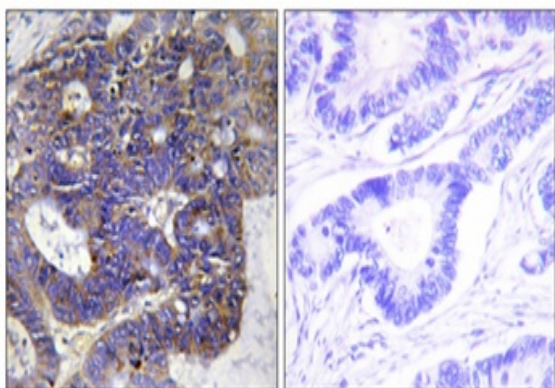
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Immunofluorescence analysis of HeLa cells, using Collagen IV alpha2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using Collagen IV alpha2 Antibody. The picture on the right is blocked with the synthesized peptide.

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