

## Product Datasheet

### Collagen IV peptide (orb382422)

|                            |                                                                                                                                                                                                                                                                                   |
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| <b>Description</b>         | The peptide is used to block anti-Collagen IV antibody reactivity                                                                                                                                                                                                                 |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                                                                                                                 |
| <b>Tested Applications</b> | Blocking                                                                                                                                                                                                                                                                          |
| <b>Target</b>              | COL4A1                                                                                                                                                                                                                                                                            |
| <b>Form/Appearance</b>     | Lyophilized powder                                                                                                                                                                                                                                                                |
| <b>Storage</b>             | Shipped at 4°C. Store at -20°C for one year.                                                                                                                                                                                                                                      |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                             |
| <b>Application notes</b>   | This peptide was used as immunogen to produce orb382727 (Collagen IV antibody)Experiment Notes: Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours. |
| <b>Purity</b>              | > 85%                                                                                                                                                                                                                                                                             |
| <b>Source</b>              | Synthetic                                                                                                                                                                                                                                                                         |
| <b>Uniprot ID</b>          | <b>P02463, P02462</b>                                                                                                                                                                                                                                                             |
| <b>Entrez</b>              | <b>12826, 1282</b>                                                                                                                                                                                                                                                                |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                                                                   |