

# Product Datasheet

## Collagen IV Antibody (1043) [DyLight 680] NBP1-97716FR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97716FR**

Collagen IV Antibody (1043) [DyLight 680]

| Product Information         |                                                                                                                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                     |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                   |
| Clonality                   | Monoclonal                                                                                                                                                                                 |
| Clone                       | 1043                                                                                                                                                                                       |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                         |
| Isotype                     | IgG1                                                                                                                                                                                       |
| Conjugate                   | DyLight 680                                                                                                                                                                                |
| Purity                      | Protein A or G purified                                                                                                                                                                    |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                            |
| Description                 | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.      |
| Host                        | Mouse                                                                                                                                                                                      |
| Gene ID                     | 1282                                                                                                                                                                                       |
| Gene Symbol                 | COL4A1                                                                                                                                                                                     |
| Species                     | Human                                                                                                                                                                                      |
| Reactivity Notes            | Does not react with other species.                                                                                                                                                         |
| Specificity/Sensitivity     | This antibody recognizes Collagen IV in the extracellular - basement membranes of normal and pathological human tissues.                                                                   |
| Immunogen                   | Derived by fusion of Sp 2/0 mouse myeloma cells with spleen cells from a BABL/c mouse immunized with purified human type IV collagen. The immunogen has been isolated from human placenta. |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                          |
| Product Application Details |                                                                                                                                                                                            |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin                                    |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen                                    |





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### **Products Related to NBP1-97716FR**

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|                |                                                |
|----------------|------------------------------------------------|
| NBP1-97005FR   | Mouse IgG1 Isotype Control (MG1) [DyLight 680] |
| NBP1-97716PE   | Collagen IV Antibody (1043) [PE]               |
| NBP1-97245     | Collagen IV Native Protein                     |
| 7754-BH-005/CF | TGF-beta 1 [Unconjugated]                      |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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