

# Product Datasheet

## Collagen IV alpha 1 Antibody (577238) [Janelia Fluor® 669]

**FAB6308JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB6308JF669**

Collagen IV alpha 1 Antibody (577238) [Janelia Fluor® 669]

| 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                       | 577238                                                                                                                                                                                                                                     |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                         |
| Isotype                     | IgG1                                                                                                                                                                                                                                       |
| Conjugate                   | Janelia Fluor 669                                                                                                                                                                                                                          |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                 |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                                                                            |
| Host                        | Mouse                                                                                                                                                                                                                                      |
| Gene ID                     | 1282                                                                                                                                                                                                                                       |
| Gene Symbol                 | COL4A1                                                                                                                                                                                                                                     |
| Species                     | Human                                                                                                                                                                                                                                      |
| Specificity/Sensitivity     | Detects human Collagen IV $\alpha$ 1 in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human Collagen I alpha 1, III alpha 1, XIII alpha 1v4, XXIII alpha 1, or recombinant mouse Collagen XXV alpha 1 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Collagen IV $\alpha$ 1 Ser1441-Thr1669<br>Accession # P02462                                                                                                                         |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                      |
| Product Application Details |                                                                                                                                                                                                                                            |
| Applications                | Immunocytochemistry                                                                                                                                                                                                                        |
| Recommended Dilutions       | Immunocytochemistry                                                                                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                     |





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### **Products Related to FAB6308JF669**

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|                 |                                                      |
|-----------------|------------------------------------------------------|
| NBP1-97005JF669 | Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 669] |
| 7754-BH-005/CF  | TGF-beta 1 [Unconjugated]                            |
| 11597-CL-050    | Collagen IV alpha 1 [Unconjugated]                   |
| DVE00           | VEGF [HRP]                                           |

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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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