

# Product Datasheet

## Desmoglein-4 Antibody (683135) [mFluor Violet 450 SE] FAB6589MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 5/10/2025 v.20.1

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**FAB6589MFV450**

Desmoglein-4 Antibody (683135) [mFluor Violet 450 SE]

| 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               | 683135                                                                                      |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2a                                                                                       |
| Conjugate           | mFluor Violet 450 SE                                                                        |
| Purity              | Protein A or G purified from hybridoma culture supernatant                                  |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                   |
| Gene ID                 | 147409                                                                                                                                                                                                                                                  |
| Gene Symbol             | DSG4                                                                                                                                                                                                                                                    |
| Species                 | Human                                                                                                                                                                                                                                                   |
| Specificity/Sensitivity | Detects human Desmoglein-4 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human Desmoglein-1, -2, or -3 is observed and approximately 40% cross-reactivity with recombinant mouse Desmoglein-4 is observed. |
| Immunogen               | Mouse myeloma cell line NS0-derived recombinant human Desmoglein-4 Glu24-Ala631<br>Accession # Q86SJ6                                                                                                                                                   |
| Notes                   | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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.                   |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Western Blot                                                           |
| Recommended Dilutions       | Western Blot                                                           |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to FAB6589MFV450**

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|                |                                          |
|----------------|------------------------------------------|
| NBP2-31770PEP  | Desmoglein-4 Recombinant Protein Antigen |
| 7754-BH-005/CF | TGF-beta 1 [Unconjugated]                |
| 9230-DM-100    | Desmoglein-4 [Unconjugated]              |
| NBP1-78984     | Desmoglein-3 Antibody (5H10) - BSA Free  |

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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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