

# Product Datasheet

## Desmoglein-3 Antibody (6G2C11) - BSA Free NBP2-37259

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-37259**

Desmoglein-3 Antibody (6G2C11) - BSA Free

**Product Information**

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 ml                                                                                 |
| <b>Concentration</b>           | 1 mg/ml                                                                                |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                                                                             |
| <b>Clone</b>                   | 6G2C11                                                                                 |
| <b>Preservative</b>            | 0.05% Sodium Azide                                                                     |
| <b>Isotype</b>                 | IgG1                                                                                   |
| <b>Purity</b>                  | Protein G purified                                                                     |
| <b>Buffer</b>                  | PBS                                                                                    |
| <b>Target Molecular Weight</b> | 107.5 kDa                                                                              |

**Product Description**

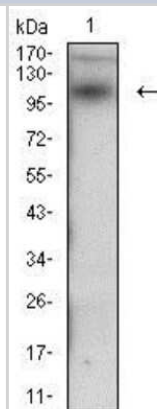
|                    |                                                                                                                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Mouse Desmoglein-3 Antibody (6G2C11) - BSA Free (NBP2-37259) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Mouse                                                                                                                                                                                                                     |
| <b>Gene ID</b>     | 1830                                                                                                                                                                                                                      |
| <b>Gene Symbol</b> | DSG3                                                                                                                                                                                                                      |
| <b>Species</b>     | Human                                                                                                                                                                                                                     |
| <b>Immunogen</b>   | Purified recombinant fragment of human Desmoglein-3 (AA: 55-159) expressed in E. Coli.                                                                                                                                    |

**Product Application Details**

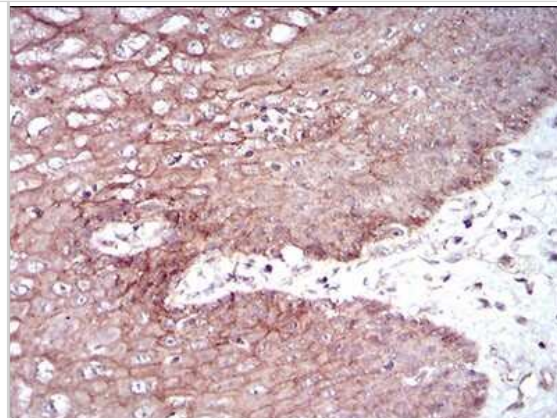
|                              |                                                                                                                                                           |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, CyTOF-ready                                                     |
| <b>Recommended Dilutions</b> | Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin, CyTOF-ready |
| <b>Application Notes</b>     | This antibody is Cytof ready.                                                                                                                             |

**Images**

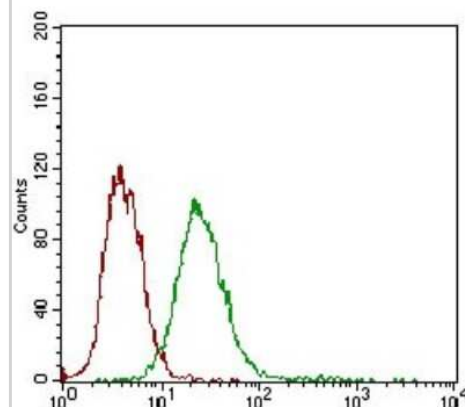
Western Blot: Desmoglein-3 Antibody (6G2C11) [NBP2-37259] - Western blot analysis using DSG3 mouse mAb against A431 cell lysate.



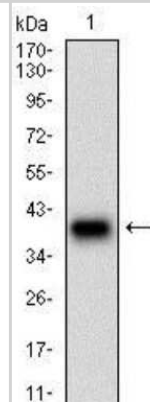
Immunohistochemistry-Paraffin: Desmoglein-3 Antibody (6G2C11) [NBP2-37259] - Analysis of esophageal tissues using DSG3 mouse mAb with DAB staining.



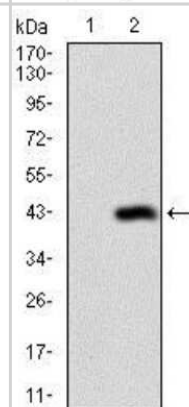
Flow Cytometry: Desmoglein-3 Antibody (6G2C11) [NBP2-37259] - Flow cytometric analysis of A431 cells using DSG3 mouse mAb (green) and negative control (red).



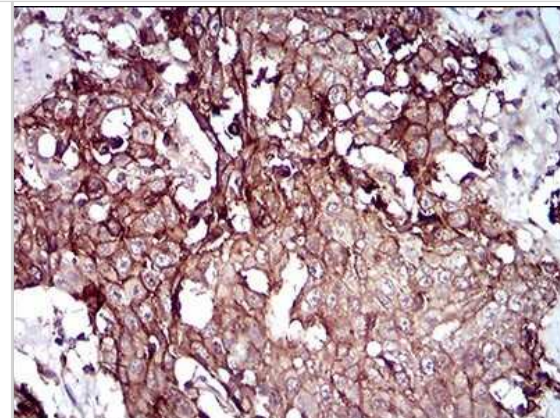
Western Blot: Desmoglein-3 Antibody (6G2C11) [NBP2-37259] - Western blot analysis using DSG3 mAb against human DSG3 (AA: 55-159) recombinant protein. (Expected MW is 37.5 kDa)



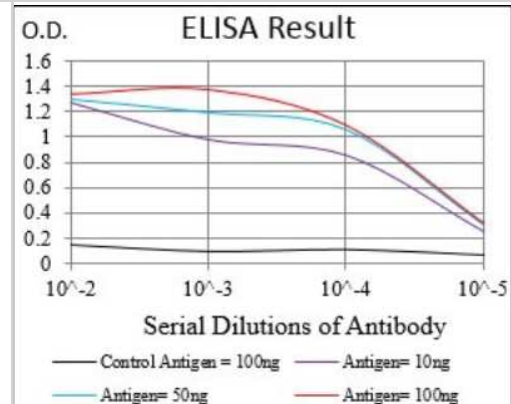
Western Blot: Desmoglein-3 Antibody (6G2C11) [NBP2-37259] - Western blot analysis using DSG3 mAb against HEK293 (1) and DSG3 (AA: 55-159)-hlgGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry-Paraffin: Desmoglein-3 Antibody (6G2C11) [NBP2-37259] - Analysis of esophageal cancer tissues using DSG3 mouse mAb with DAB staining.



ELISA: Desmoglein-3 Antibody (6G2C11) [NBP2-37259] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);





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### **Products Related to NBP2-37259**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NBP2-54744PEP    | Desmoglein-3 Recombinant Protein Antigen                |

### **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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