

Desmoglein 2 Monoclonal Antibody (6D8)

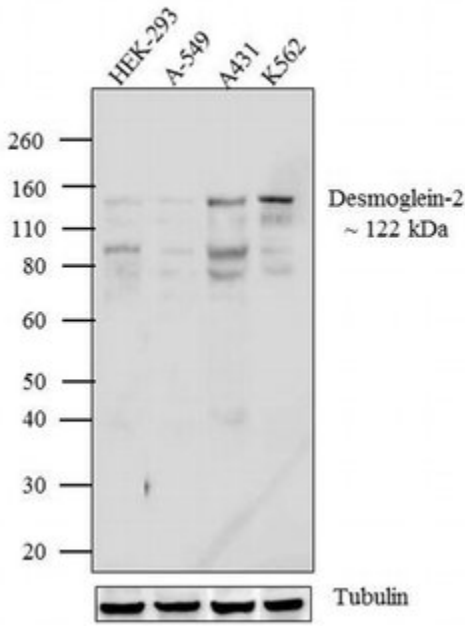
| Product Details | |
|--------------------|---------------------|
| Size | 100 µg |
| Species Reactivity | Human |
| Published Species | Bovine, Human |
| Host/Isotype | Mouse / IgG1 |
| Class | Monoclonal |
| Type | Antibody |
| Clone | 6D8 |
| Conjugate | Unconjugated |
| Immunogen | Human desmoglein-2. |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Protein A |
| Storage buffer | PBS, pH 7.4 |
| Contains | 0.1% sodium azide |
| Storage conditions | -20°C |
| RRID | AB_2533089 |

| Applications | Tested Dilution | Publications |
|---|-----------------|----------------|
| Western Blot (WB) | 1-3 µg/mL | 4 Publications |
| Immunohistochemistry (IHC) | - | 1 Publication |
| Immunohistochemistry (Paraffin) (IHC (P)) | - | 1 Publication |
| Immunocytochemistry (ICC/IF) | Assay-dependent | 3 Publications |
| Flow Cytometry (Flow) | - | 1 Publication |
| Immunoprecipitation (IP) | 5-10 µg | - |
| Miscellaneous PubMed (Misc) | - | 2 Publications |

Product Images For Desmoglein 2 Monoclonal Antibody (6D8)

Desmoglein 2 Antibody (32-6100) in WB

Western blot analysis of Desmoglein-2 was performed by loading 30 μ g of HEK-293 (lane1), A549 (lane2), A-431 (lane3), and K562 (lane4) cell lysate using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX), XCell SureLock™ Electrophoresis System (Product # EI0002), Novex® Sharp Pre-Stained Protein Standard (LC5800), and Pierce™ Power Blotter System (22834). Proteins were transferred to a nitrocellulose membrane and blocked with 5 % skim milk for 1 hour at room temperature. Desmoglein-2 was detected at ~122 kDa using Desmoglein-2 Mouse Monoclonal Antibody (Product # 32-6100) at 1-2 μ g/mL in 5 % skim milk at 4° C overnight on a rocking platform. Goat Anti-Mouse - HRP Secondary Antibody (Product # 62-6520) at 1:4000 dilution was used and chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



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12 References

Western Blot (4)

Metabolites

Leaky Gut as a Potential Culprit for the Paradoxical Dysglycemic Response to Gastric Bypass-Associated Ileal Microbiota.

"Published figure using Desmoglein 2 monoclonal antibody (Product # 32-6100) in Immunocytochemistry"

Authors: Hankir MK, Seyfried F, Schellinger IN, Schlegel N, Arora T

Species
Not Applicable

Dilution
Not Cited

Year
2021

Breast cancer research : BCR

CUB domain-containing protein 1 and the epidermal growth factor receptor cooperate to induce cell detachment.

"326100 was used in western blot to study how CUB domain-containing protein1 contributes to metastasis and drug resistance"

Authors: Law ME, Ferreira RB, Davis BJ, Higgins PJ, Kim JS, Castellano RK, Chen S, Luesch H, Law BK

Species
Human

Dilution
Not Cited

Year
2016

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Immunohistochemistry (1)

PloS one

Desmoglein 2 depletion leads to increased migration and upregulation of the chemoattractant secretoneurin in melanoma cells.

"32-6100 was used in immunocytochemistry and western blot to determine the role of desmoglein 2 in melanoma cells"

Authors: Peitsch WK, Doerflinger Y, Fischer-Colbrie R, Huck V, Bauer AT, Utikal J, Goerdit S, Schneider SW

Species
Human

Dilution
Not Cited

Year
2014

Immunohistochemistry (Paraffin) (1)

Angiogenesis

A non-canonical role for desmoglein-2 in endothelial cells: implications for neoangiogenesis.

"326100 was used in flow cytometry and immunohistochemistry - paraffin section to study the function of desmoglein-2 and generate knockout mice"

Authors: Ebert LM, Tan LY, Johan MZ, Min KK, Cockshell MP, Parham KA, Betterman KL, Szeto P, Boyle S, Silva L, Peng A, Zhang Y, Ruzsiewicz A, Zannettino AC, Gronthos S, Koblar S, Harvey NL, Lopez AF, Shackleton M, Bonder CS

Species
Human

Dilution
Not Cited

Year
2016

More applications with references on thermofisher.com

[ICC/IF \(3\)](#)

[Flow \(1\)](#)

[Misc \(2\)](#)

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