

Desmoglein 1 Monoclonal Antibody (27B2)

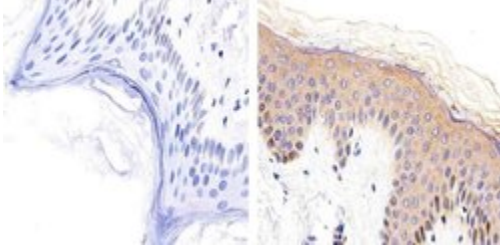
Product Details	
Size	100 µg
Species	Human
Published Species	Bovine, Human, Horse
Expression System	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	27B2
Conjugate	Unconjugated
Immunogen	Human desmoglein-1 intracellular domain.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage Conditions	-20°C
RRID	AB_2533088

Applications	Tested Dilution	Publications
Immunofluorescence (IF)	Assay Dependent	4 Publications
Immunohistochemistry (Frozen) (IHC (F))	20-50 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:100	1 Publication
Immunoprecipitation (IP)	5-10 µg	1 Publication
Western Blot (WB)	1-3 µg/mL	4 Publications
Flow Cytometry (Flow)	-	1 Publication
Immunocytochemistry (ICC)	-	2 Publications
Immunohistochemistry (IHC)	-	3 Publications
Miscellaneous PubMed (Misc)	-	4 Publications

Product Images For Desmoglein 1 Monoclonal Antibody (27B2)

Desmoglein 1 Antibody (32-6000) in IHC (P)

Immunohistochemistry analysis of Desmoglein-1 showing staining in the cytoplasm and membrane of paraffin-embedded human skin tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H₂O₂-methanol for 15 min at room temperature, washed with ddH₂O and PBS, and then probed with a Desmoglein-1 monoclonal antibody (Product # 32-6000) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



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Immunocytochemistry (2)

Frontiers in bioengineering and biotechnology

***In vitro* Characteristics of Heterogeneous Equine Hoof Progenitor Cell Isolates.**

"32-6000 was used in Immunocytochemistry to establish and validate in vitro culture of primary progenitor cell isolates from the ectodermal-mesodermal tissue junction in equine hooves, the stratum internum, with and without chronic inflammation known to contribute to lifelong tissue defects."

Authors: Yang Q,Pinto VMR,Duan W,Paxton EE,Dessauer JH,Ryan W,Lopez MJ

Species
Horse

Dilution
Not Cited

Year
2020

Cell and tissue research

The cell-cell junctions of mammalian testes: II. The lamellar smooth muscle monolayer cells of the peritubular wall are laterally connected by vertical adherens junctions-a novel architectonic cell-cell junction system.

"32-6000 was used in Immunocytochemistry-immunofluorescence to show the LSMCs of the peritubular wall monolayers are SMCs sensu stricto which are laterally connected by a novel architectonic system of arrays of vertical AJs located in overlapping cell protrusions."

Authors: Domke LM,Franke WW

Species
Bovine

Dilution
Not Cited

Year
2019

Immunohistochemistry (3)

Cells

Fisetin, a 3,7,3',4'-Tetrahydroxyflavone Inhibits the PI3K/Akt/mTOR and MAPK Pathways and Ameliorates Psoriasis Pathology in 2D and 3D Organotypic Human Inflammatory Skin Models.

"32-6000 was used in Immunohistochemistry to demonstrate the potential of fisetin as an effective and inexpensive agent for the treatment of psoriasis and other related inflammatory skin disorders."

Authors: Chamcheu JC,Esnault S,Adhami VM,Noll AL,Banang-Mbeumi S,Roy T,Singh SS,Huang S,Kousoulas KG,Mukhtar H

Species
Human

Dilution
1:75

Year
2019

Journal of dental research

Early dental epithelial transcription factors distinguish ameloblastoma from keratocystic odontogenic tumor.

"32-6000 was used in immunohistochemistry to evaluate early dental epithelial transcription factors as a diagnostic marker for ameloblastoma and keratocystic odontogenic tumor"

Authors: Heikinheimo K,Kurppa KJ,Laiho A,Peltonen S,Berdal A,Bouattour A,Ruhin B,Catón J,Thesleff I,Leivo I,Morgan PR

Species
Human

Dilution
Not Cited

Year
2015

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IF (4) WB (4) Flow (1) Misc (4) IP (1) IHC (P) (1)

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