

Rabbit anti-Human Desmoglein 3 Monoclonal Antibody | anti-DSG3 antibody

Desmoglein 3 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283102	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

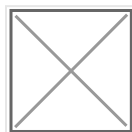
PRODUCT SYNONYMS

Desmoglein 3; Monoclonal Antibody; Desmoglein 3 Rabbit mAb; PVA; ABOLM; CDHF6; anti-DSG3 antibody

PRODUCT SPECIFICATIONS

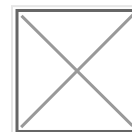
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	TLSGSQGASA LSTSGSVQPA VSIPDPLQHG NYLVTETYS A SGSLVQPSTA GFDPLLTQNV ITERVICPI SSVPGNLAGP TQLRGSHTML CTEDPCSRLI
Applicable Applications for anti-DSG3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 900-999 of human Desmoglein 3 (P32926).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using Desmoglein 3 Rabbit mAb (AAA283102) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of various lysates using Desmoglein 3 Rabbit mAb (AAA283102) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-DSG3 antibody	This gene encodes a member of the desmoglein family and cadherin cell adhesion molecule superfamily of proteins. Desmogleins are calcium-binding transmembrane glycoprotein components of desmosomes, cell-cell junctions between epithelial, myocardial, and other cell types. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This gene is present in a gene cluster with other desmoglein gene family members on chromosome 18. The encoded protein has been identified as the autoantigen of the autoimmune blistering disease pemphigus vulgaris.
Product Categories/Family for anti-DSG3 antibody	Signal Transduction; Cell Biology Developmental Biology; Cell Adhesion; Cadherins; Cytoskeleton; Extracellular Matrix; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	239938621
NCBI GeneID	1830
UniProt Accession #	P32926; A8K2V2
Molecular Weight	Calculated MW: 108kDa Observed MW: 145kDa
UniProt Protein Name	Desmoglein-3
UniProt Gene Name	DSG3
UniProt Synonym Gene Names	CDHF6; PVA
UniProt Entry Name	DSG3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/desmoglein-3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283102>