Mouse Desmoglein 1 Monoclonal Antibody | anti-DSG1 antibody

Desmoglein 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74363	**Mouse**	**Human desmoglein 1**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

Desmoglein 1; Monoclonal Antibody; Desmoglein 1 antibody; Monoclonal Desmoglein 1; Anti-Desmoglein 1; anti-DSG1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human desmoglein 1
Clonality	Monoclonal
Isotype	IgG1
Clone Number	Dsg1-P23
Specificity	Human desmoglein 1
Purity/Purification	Culture supernatant
Form/Format	Hybridoma culture supernatant with 0.09% NaN3
Concentration	5.0ml per vial (varies by lot)
Sequence Length	1049
Applicable Applications for anti-DSG1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	The desmogleins are a family of cadherins consisting of proteins DSG1, DSG2, DSG3, and DSG4. They play a role in the formation of desmosomes that join cells to one another. Desmoglein 1 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Desmoglein 1 antibody was raised in mouse using recombinant human polypeptide desmoglein 1, extracellular part EII, EIII and EIV as the immunogen.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-DSG1 antibody	Mouse monoclonal Desmoglein 1 antibody
Product Categories/Family for anti-DSG1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119703744
NCBI GeneID	1828

NCBI Accession #	NP_001933.2
NCBI GenBank Nucleotide #	NM_001942.2
UniProt Accession #	Q02413; B7Z845
Molecular Weight	42,619 Da
NCBI Official Full Name	desmoglein-1 preproprotein
NCBI Official Synonym Full Names	desmoglein 1
NCBI Official Symbol	DSG1
NCBI Official Synonym Symbols	DG1; DSG; CDHF4; EPKHE; PPKS1; SPPK1; EPKHIA
NCBI Protein Information	desmoglein-1
UniProt Protein Name	Desmoglein-1
UniProt Gene Name	**DSG1**
UniProt Synonym Gene Names	CDHF4; DG1; DGI
UniProt Entry Name	DSG1_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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/desmoglein-1-antibody-clone-dsg1-p23-western-blot-immunohistochemistry-elisa/74363