

Mouse anti-Human Desmoglein 2 Monoclonal Antibody | anti-DSG2 antibody

Mouse Anti-Desmoglein 2 [10D2]

CATALOG # AAA59521	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Desmoglein 2; Monoclonal Antibody; Mouse Anti-Desmoglein 2 [10D2]; ARVC 10 antibody; ARVC10 antibody; ARVD 10 antibody; ARVD10 antibody; Cadherin family member 5 antibody; DHF 5 antibody; DHF5 antibody; anti-DSG2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10D2
Specificity	Human Desmoglein 2, 160kDa band (specifically recognizes the EC1 region of desmoglein-2)
Purity/Purification	Protein A Affinity Chromatography
Form/Format	Purified antibody containing PBS + 0.1% sodium azide
Concentration	1mg/ml (varies by lot)
Sequence Length	1118
Applicable Applications for anti-DSG2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Amino acids 37-164 of Human Desmoglein 2 fused to GST
Myeloma/fusion Partners	NS1 myeloma
Preparation and Storage	Store at 4 degree C for one month, or in small aliquots at -20 degree C for longer periods. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody.

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

References	Keim, S. et. al. Generation and characterization of monoclonal antibodies against the proregion of human desmoglein-2. Hybridoma Vol. 27 No. 4: 249-258 (2008) PUBMED
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116534898
NCBI GeneID	1829
NCBI Accession #	NP_001934.2
NCBI GenBank Nucleotide #	NM_001943.3
UniProt Accession #	Q14126; Q4KKU6
NCBI Official Full Name	desmoglein-2 preproprotein
NCBI Official Synonym Full Names	desmoglein 2
NCBI Official Symbol	DSG2
NCBI Official Synonym Symbols	HDGC; CDHF5; ARVC10; ARVD10; CMD1BB
NCBI Protein Information	desmoglein-2; HDGC; cadherin family member 5
UniProt Protein Name	Desmoglein-2
UniProt Gene Name	DSG2
UniProt Synonym Gene Names	CDHF5
UniProt Entry Name	DSG2_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-2-antibody-clone-10d2-immunoprecipitation-immunofluorescence-western-blot-elisa/59521>