

ARG58558 anti-Desmoglein 3 antibody [5G11]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [5G11] recognizes Desmoglein 3
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	5G11
Isotype	IgG1, kappa
Target Name	Desmoglein 3
Species	Human
Immunogen	Recombinant protein corresponding to the extracellular portion of Human Desmoglein 3.
Conjugation	Un-conjugated
Alternate Names	PVA; 130 kDa pemphigus vulgaris antigen; CDHF6; Cadherin family member 6; Desmoglein-3

Application Instructions

Application table	Application	Dilution
	FACS	1 - 2 µg/10 ⁶ cells
	ICC/IF	2 - 5 µg/ml
	IHC-P	2 - 5 µg/ml
	WB	1 - 2 µg/ml

Application Note IHC-P: Antigen Retrieval: Boil tissue section in 10 mM Citrate buffer (pH 6.0) for 10-20 min.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS, 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

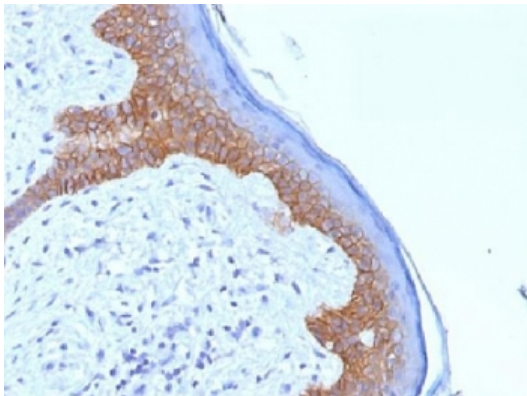
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DSG3
Gene Full Name	desmoglein 3
Background	Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmoglein 3 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members of the cadherin cell adhesion molecule superfamily. These desmoglein gene family members are located in a cluster on chromosome 18. This protein has been identified as the autoantigen of the autoimmune skin blistering disease pemphigus vulgaris. [provided by RefSeq, Jul 2008]
Function	Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. [UniProt]
Calculated Mw	108 kDa
Cellular Localization	Cell surface. [UniProt]

Images



ARG58558 anti-Desmoglein 3 antibody [5G11] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human skin stained with ARG58558 anti-Desmoglein 3 antibody [5G11]. Antigen Retrieval: Boil tissue section in 10mM Citrate buffer (pH 6.0) for 10-20 min.