

ARG10954 anti-DSG1 / Desmoglein 1 antibody [32-2B]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [32-2B] recognizes DSG1 / Desmoglein 1
Tested Reactivity	Hu, Bov
Tested Application	EM, ICC/IF, IHC, WB
Host	Mouse
Clonality	Monoclonal
Clone	32-2B
Isotype	IgG2a
Target Name	DSG1 / Desmoglein 1
Antigen Species	Bovine
Immunogen	Bovine desmoglein (desmosomal glycoprotein 1) from nasal epidermis.
Conjugation	Un-conjugated
Alternate Names	PPKS1; Desmoglein-1; SPPK1; DGI; EPKHIA; CDHF4; DG1; Desmosomal glycoprotein 1; DSG; Cadherin family member 4; Pemphigus foliaceus antigen; EPKHE

Application Instructions

Application table	Application	Dilution
	EM	Assay-dependent
	ICC/IF	Assay-dependent
	IHC	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	114 kDa	

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
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	DSG1
Gene Full Name	desmoglein 1
Background	<p>This gene encodes a member of the desmoglein protein subfamily. Desmogleins, along with desmocollins, are cadherin-like transmembrane glycoproteins that are major components of the desmosome. Desmosomes are cell-cell junctions that help resist shearing forces and are found in high concentrations in cells subject to mechanical stress. This gene is found in a cluster with other desmoglein family members on chromosome 18. The encoded protein has been identified as a target of auto-antibodies in the autoimmune skin blistering disease pemphigus foliaceus. Disruption of this gene has also been associated with the skin diseases palmoplantar keratoderma and erythroderma. [provided by RefSeq, Feb 2015]</p>
Function	<p>Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. [UniProt]</p>