

**bs-10152R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

www.bioss.com.cn

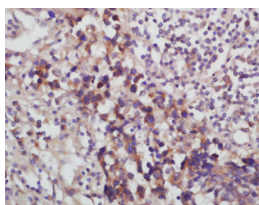
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**Desmoglein 2 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 1829 <b>Target:</b> Desmoglein 2 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Desmoglein 2: 51-150/1118. < Extracellular > <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmoglein 2 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 second family member is expressed in colon, colon carcinoma, and other simple and stratified epithelial-derived cell lines.	<b>Isotype:</b> IgG <b>SWISS:</b> Q14126 <b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse) <b>Predicted MW.:</b> 122 kDa <b>Subcellular Location:</b> Cell membrane
--	--

**— VALIDATION IMAGES —**

Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-ARVC10 Polyclonal Antibody, Unconjugated(bs-10152R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=3.775]** Xue Y et al. Chlorogenic acid attenuates cadmium-induced intestinal injury in Sprague–Dawley rats. Food Chem Toxicol. 2019 Aug 4;133:110751. WB ;Rat. 31390532
- **[IF=2.2]** Lan Liu. et al. LCZ696 Ameliorates Tachycardia-Induced Cardiac Calcium Dyshomeostasis in the SERCA2α-Dependent Pathway. TOHOKU J EXP MED. 2023 Aug 23 WB ;Mouse. 37258137
- **[IF=1.3]** Qing Wang. et al. Desmosomal Junctions and Connexin-43 Remodeling in High-Pacing-Induced Heart Failure Dogs. ANATOL J CARDIOL. 2023 Aug; 27(8): 462–471 IF,WB ;Dog. 37288855

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.