

bs-6585R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

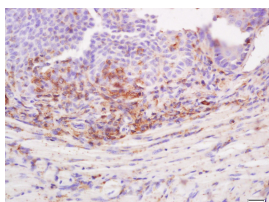
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Desmoglein 3 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 1830	SWISS: P32926	IF (1:100-500)
Target: Desmoglein 3		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Dog)
Immunogen: KLH conjugated synthetic peptide derived from human Desmoglein 3: 50-75/999.		Predicted MW.: 105 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
Concentration: 1mg/ml		
Storage: 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.		
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.		

— VALIDATION IMAGES —

Tissue/cell: rat tongue tissue; 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-Desmoglein 3 Polyclonal Antibody, Unconjugated(bs-6585R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=4.996]** Oike, Asami. et al. Bisphosphonate affects the behavioral responses to HCl by disrupting farnesyl diphosphate synthase in mouse taste bud and tongue epithelial cells. SCI REP-UK. 2022 Dec;12(1):1-15 IF ;Mouse. 36481783
- **[IF=4.3]** Sumitomo et al. Streptococcal Cysteine Protease-Mediated Cleavage of Desmogleins Is Involved in the Pathogenesis of Cutaneous Infection. (2018) Front.Cell.Infect.Microbiol. 8:10 IF ;Mouse. 29416987
- **[IF=0.32]** BİR, Ferda, et al. "New immunohistochemical markers in the differential diagnosis of nonsmall cell lung

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

carcinoma." Turkish Journal of Medical Sciences (2016). IHC ;="Human". doi:10.3906/sag-1501-68