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

Desmoglein 3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1830 **SWISS:** P32926

Target: Desmoglein 3

Immunogen: KLH conjugated synthetic peptide derived from human Desmoglein 3: 50-75/999. < Extracellular >

Purification: affinity purified by Protein A

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.

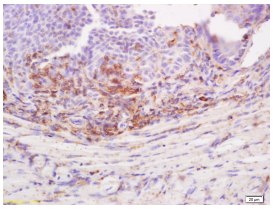
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Rat (predicted: Human, Mouse, Rabbit, Dog)

Predicted MW.: 105 kDa

Subcellular Location: Cell membrane

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

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