

Anti-Desmoglein 1 [32-2B]

Catalogue number: 151720

Sub-type: Primary antibody

Images:

Contributor

Inventor: David Garrod

Institute: University of Southampton

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Desmoglein 1 [32-2B]

Alternate name: Cadherin family member 4, CDHF4, Desmoglein-1, Desmosomal glycoprotein 1, DG1, DGI, DSG, DSG1, EPKHE, EPKHIA, Pemphigus foliaceus antigen, PPKS1, SPPK1

Class: Monoclonal

Conjugate: Unconjugated

Description: Desmoglein 1 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Desmosomes are intercellular adhesive junctions that occur in almost all epithelia and should therefore be useful as epithelial markers in tumour diagnosis. This antibody was tested for its ability to stain epithelia and tumours. 32-2B is a reliable epithelial marker that may have a useful role in diagnostic histopathology.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a kappa

Reactivity: Bovine ; Human

Selectivity:

Host: Mouse

Immunogen: Bovine desmoglein (desmosomal glycoprotein I) from nasal epidermis

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Desmoglein 1

Target alternate names:

Target background: Desmoglein 1 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Desmosomes are intercellular adhesive junctions that occur in almost all epithelia and should therefore be useful as epithelial markers in tumour diagnosis. This antibody was tested for its ability to stain epithelia and tumours. 32-2B is a reliable epithelial marker that may have a useful role in diagnostic histopathology.

Molecular weight:

Ic50:

Applications

Application: EM (EM) ; IHC ; IF ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Torres et al. 2008. Nat Cell Biol. 10(2):194-201. PMID: 18223644. ; Nanog maintains pluripotency of mouse embryonic stem cells by inhibiting NFkappaB and cooperating with Stat3.

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