Product Datasheet

Cytokeratin 13 Antibody (KS-1A3)
NBP1-22777

Unit Size: 1 ml

Store at 4C.

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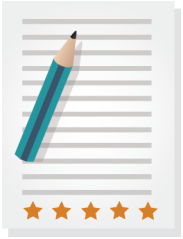
Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-22777

Updated 10/23/2024 v.20.1



NBP1-22777

Cytokeratin 13 Antibody (KS-1A3)

Product Information

Unit Size	1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	KS-1A3
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Ascites
Buffer	Ascites

Product Description

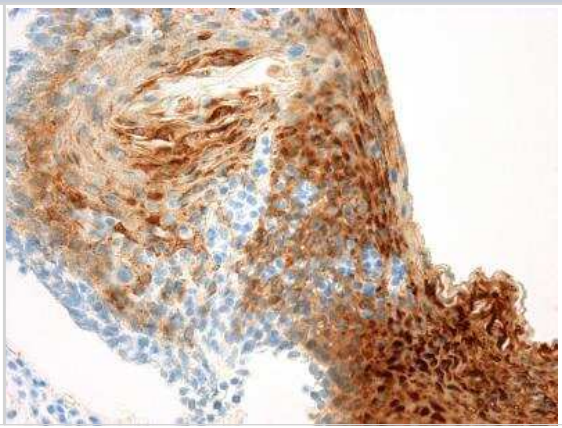
Host	Mouse
Gene ID	3860
Gene Symbol	KRT13
Species	Human
Specificity/Sensitivity	This is specific to a 54 kD protein. Cytokeratin 13 belongs to the type A (acidic) subfamily of low molecular weight cytokeratins and exists in combination with cytokeratin 4. Cytokeratin 13 is expressed in major components of squamous, non-keratinized epithelium, transitional epithelium, and myoepithelium. This antibody is useful for identifying carcinomas of trachea, sweat glands, bladder, extocervix, tongue, esophagus, anal canal, and the basal layer of keratinized epidermis.
Immunogen	Cultured A431 cells from a human epidermoid carcinoma of the vulva.

Product Application Details

Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, Immunohistochemistry 1:25-1:100, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:25-1:100
Application Notes	IHC-P: recommended pretreatment of citrate buffer, pH 6.0. Recommended incubation time of 30 min at RT.

Images

Immunohistochemistry-Paraffin: Cytokeratin 13 Antibody (KS-1A3) [NBP1-22777] - Formalin fixed paraffin embedded human tonsils.



Publications

de Pedro I, Alonso-Lecue P, Sanz-Gomez N et al. Sublethal UV irradiation induces squamous differentiation via a p53-independent, DNA damage-mitosis checkpoint. Cell Death Dis. 2018-10-25 [PMID: 30361544] (FLOW, Human)

Sanz-Gomez N, Freije A, Ceballos L et al. Response of head and neck epithelial cells to a DNA damage-differentiation checkpoint involving polyploidization. Head Neck. 2018-10-12 [PMID: 30311985] (ICC/IF, Human)

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Products Related to NBP1-22777

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00003860-P01-10ug	Recombinant Human Cytokeratin 13 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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