

Product Datasheet

Cytokeratin 14 Antibody (KRT14/2375) - Azide and BSA Free NBP3-08531

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-08531

Updated 7/16/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-08531



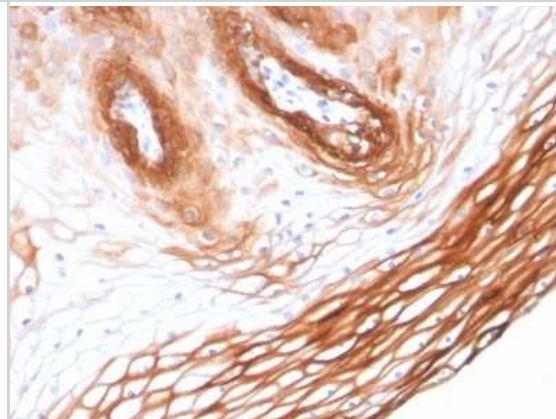
NBP3-08531

Cytokeratin 14 Antibody (KRT14/2375) - Azide and BSA Free

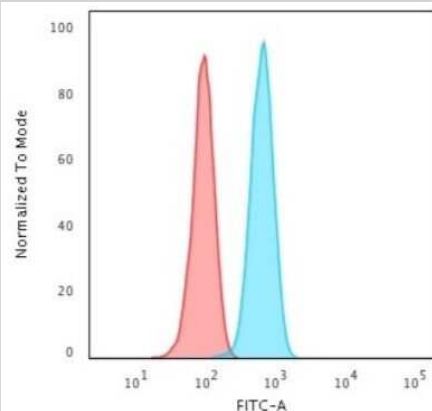
Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	KRT14/2375
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	50 kDa
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07600). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3861
Gene Symbol	KRT14
Species	Human, Mouse, Rat, Porcine
Marker	Squamous Cell Marker
Specificity/Sensitivity	Cytokeratin 14 (CK14) belongs to the type I (or A or acidic) subfamily of low molecular weight keratins and exists in combination with keratin 5 (type II or B or basic). CK14 is found in basal cells of squamous epithelia, some glandular epithelia, myoepithelium, and mesothelial cells. Anti-CK14 is useful in differentiating squamous cell carcinomas from poorly differentiated epithelial tumors. Anti-CK14 is one of the specific basal markers for distinguishing between basal and non-basal subtypes of breast carcinomas. Anti-CK14 is also a good marker for differentiation of intraductal from invasive salivary duct carcinoma by the positive staining of basal cells surrounding the in-situ neoplasm as well as for differentiation of benign prostate from prostate carcinoma. Furthermore, this antibody has been useful in separating oncocytic tumors of the kidney from its renal mimics, and in identifying metaplastic carcinomas of the breast.
Immunogen	Recombinant human Cytokeratin 14 fragment (around aa351-472) (exact sequence is proprietary) (Uniprot: P02533)
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.

Images

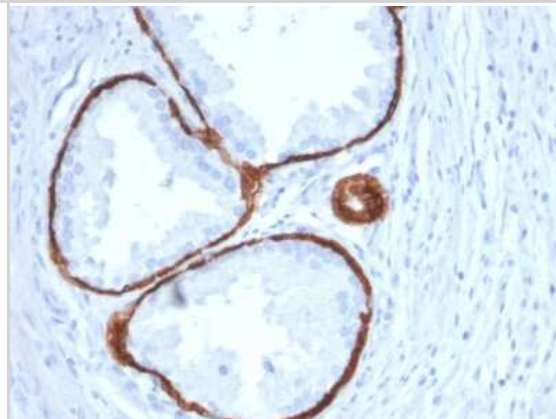
Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (KRT14/2375) - Azide and BSA Free [NBP3-08531] - Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin 14 Mouse Monoclonal Antibody (KRT14/2375).



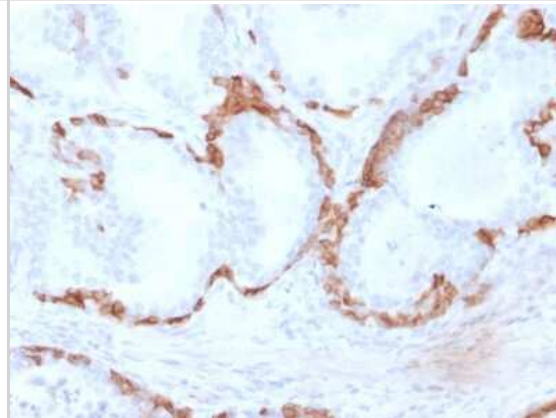
Flow Cytometry: Cytokeratin 14 Antibody (KRT14/2375) - Azide and BSA Free [NBP3-08531] - Flow Cytometric Analysis of HeLa cells using Cytokeratin 14 Mouse Monoclonal Antibody ((KRT14/2375) followed by goat anti- Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (KRT14/2375) - Azide and BSA Free [NBP3-08531] - Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with Cytokeratin 14 Mouse Monoclonal Antibody (KRT14/2375).



Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (KRT14/2375) - Azide and BSA Free [NBP3-08531] - Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with Cytokeratin 14 Mouse Monoclonal Antibody (KRT14/2375).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-08531

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-72467-100ug	Recombinant Human Cytokeratin 14 His 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-08531

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

