Product Datasheet

Cytokeratin, HMW Antibody (rKRTH/2148) - Azide and BSA Free NBP3-08283

Unit Size: 100 ug

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

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NBP3-08283

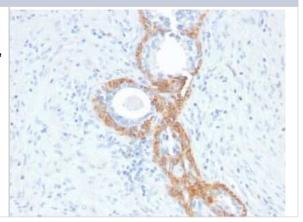
Cytokeratin, HMW Antibody (rKRTH/2148) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	rKRTH/2148
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Product 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 (NBP3-07846).
	Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	51350
Gene Symbol	KRT76
Species	Human, Mouse, Rat
	This antibody recognizes CK1, CK5, CK10 and CK14. In normal epithelia, it stains stratified epithelia, myoepithelial cells and basal cells in the prostate gland and bronchi. This monoclonal antibody shows no reactivity with hepatocytes, pancreatic acinar cells, proximal renal tubules, or endometrial glands; there is no reactivity with cells derived from simple epithelia. Mesenchymal tumors, lymphomas, melanomas, neural tumors, and neuroendocrine tumors are negative with this antibody. It stains myoepithelial cells and has been shown to be useful in distinguishing prostate adenocarcinoma from benign prostate. This antibody has also been useful in separating benign from malignant intraductal breast proliferations.
Immunogen	Solubilized keratin extract from human stratum corneum
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
	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.
Immunogen Product Application Details Applications Recommended Dilutions Application Notes	reactivity with cells derived from simple epithelia. Mesenchymal tumors, lymphomas, melanomas, neural tumors, and neuroendocrine tumors are negative with this antibody. It stains myoepithelial cells and has been shown t be useful in distinguishing prostate adenocarcinoma from benign prostate. Th antibody has also been useful in separating benign from malignant intraducta breast proliferations. Solubilized keratin extract from human stratum corneum Immunohistochemistry-Paraffin Immunohistochemistry-Paraffin 1-2 ug/ml Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM



Images

Immunohistochemistry-Paraffin: Cytokeratin, HMW Antibody (rKRTH/2148) - Azide and BSA Free [NBP3-08283] - Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with Cytokeratin, HMW Mouse Recombinant Monoclonal Antibody (rKRTH/2148).



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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@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

Products Related to NBP3-08283

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00051350-P01-10ug	Recombinant Human Cytokeratin, HMW 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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