

Product Datasheet

Cytokeratin, HMW Antibody (34BE12) - Azide and BSA Free NBP2-34533-0.1mg

Unit Size: 0.1 mg

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

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NBP2-34533-0.1mg

Cytokeratin, HMW Antibody (34BE12) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	34BE12
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS

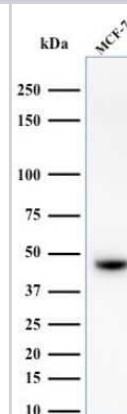
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-34340). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	51350
Gene Symbol	KRT76
Species	Human, Mouse, Rat
Marker	Epithelial Marker
Specificity/Sensitivity	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	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 0.5-1.0ug/ml, Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1.0ug/ml, Immunohistochemistry-Paraffin 0.5-1.0ug/ml, Immunohistochemistry-Frozen 0.5-1.0ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/ml for 30 min 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. Optimal dilution for a specific application should be determined.

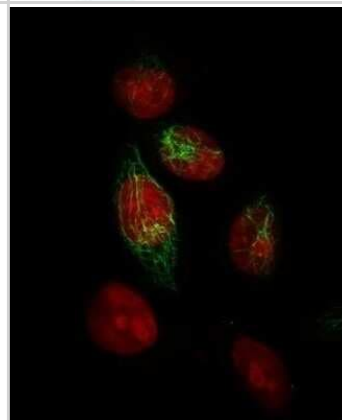


Images

Western Blot: Cytokeratin, HMW Antibody (34BE12) - Azide and BSA Free [NBP2-34533] - Western Blot Analysis of MCF-7 cell lysate using Cytokeratin, HMW Antibody (34BE12).



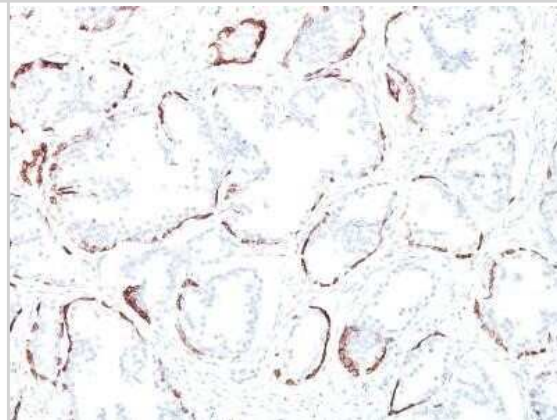
Immunocytochemistry/Immunofluorescence: Cytokeratin, HMW Antibody (34BE12) - Azide and BSA Free [NBP2-34533] - Immunofluorescence Analysis of MeOH-fixed HeLa cells labeling Cytokeratin with followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Red Dot.



Immunohistochemistry-Paraffin: Cytokeratin, HMW Antibody (34BE12) - Azide and BSA Free [NBP2-34533] - Formalin-fixed, paraffin-embedded human prostate (20X) stained with Cytokeratin, HMW MAb (34bE12).



Immunohistochemistry-Paraffin: Cytokeratin, HMW Antibody (34BE12) - Azide and BSA Free [NBP2-34533] - Formalin-fixed, paraffin-embedded human prostate (10X) stained with Cytokeratin, HMW MAb (34bE12).



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Products Related to NBP2-34533-0.1mg

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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