

Product Datasheet

Cytokeratin 7 Antibody (KRT7/1499R) - Azide and BSA Free NBP2-49881-0.1mg

Unit Size: 0.1 mg

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

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NBP2-49881-0.1mg

Cytokeratin 7 Antibody (KRT7/1499R) - 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	KRT7/1499R
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	10 mM PBS
Target Molecular Weight	55 kDa

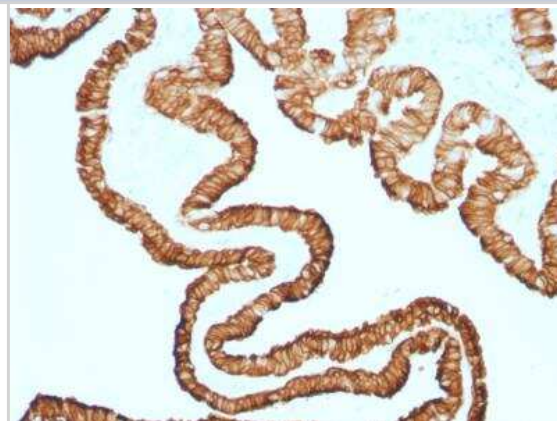
Product Description	
Description	1.0 mg/ml of antibody purified by Protein A Column. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-49880). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
Gene ID	3855
Gene Symbol	KRT7
Species	Human
Marker	Glandular and Transitional Epithelial Marker
Specificity/Sensitivity	It recognizes an intermediate filament protein (IFP) of 55kDa, which is identified as cytokeratin 7. This monoclonal antibody is highly specific to cytokeratin 7 and shows no cross-reaction with other IFPs. Cytokeratin 7 is a basic cytokeratin, which is found in most glandular and transitional epithelia but not in the stratified squamous epithelia. Keratin 7 is expressed in the epithelial cells of ovary, lung, and breast but not of colon, prostate, or gastrointestinal tract. This monoclonal antibody is highly useful in distinguishing ovarian carcinomas (keratin 7+) from colon carcinomas (keratin 7-).
Immunogen	Recombinant full-length human Cytokeratin 7 protein (Uniprot: P08729)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1 - 2 ug/ml, Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5-1.0ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues is enhanced by 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.

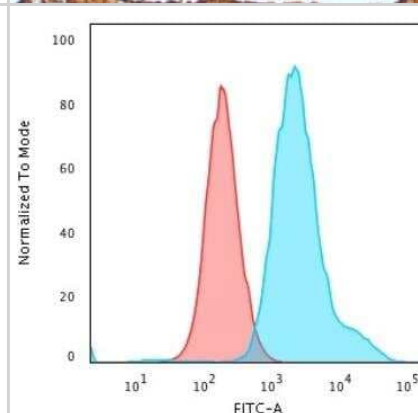


Images

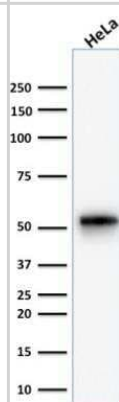
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody (KRT7/1499R) - Azide and BSA Free [NBP2-49881] - Formalin-fixed, paraffin-embedded human Oviduct stained with Cytokeratin 7 Rabbit Monoclonal Antibody (KRT7/1499R).



Flow Cytometry: Cytokeratin 7 Antibody (KRT7/1499R) - Azide and BSA Free [NBP2-49881] - Analysis of PFA-fixed HeLa cells using Cytokeratin 7 Rabbit Recombinant MAb (KRT7/1499R) followed by Goat anti-rabbit IgG-CF488 (Blue); Isotype Control (Red)



Western Blot: Cytokeratin 7 Antibody (KRT7/1499R) - Azide and BSA Free [NBP2-49881] - Analysis of human HeLa cell lysate using Cytokeratin 7 Rabbit Monoclonal Antibody (KRT7/1499R).





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Products Related to NBP2-49881-0.1mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003855-P01-10ug	Recombinant Human Cytokeratin 7 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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