

Product Datasheet

Cytokeratin 19 Antibody (KRT19/800) - Azide and BSA Free

NBP2-47946-0.1mg

Unit Size: 0.1 mg

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

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Cytokeratin 19 Antibody (KRT19/800) - 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	KRT19/800
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	40 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 (NBP2-44827). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	3880
Gene Symbol	KRT19
Species	Human, Mouse, Rat
Marker	Pancreatic Stem Cell Marker
Specificity/Sensitivity	Recognizes a protein of 40kDa, identified as cytokeratin-19 (CK19), which is expressed in sweat gland, mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, and ectocervical epithelium. Anti-CK19 reacts with a wide variety of epithelial malignancies including adenocarcinomas of the colon, stomach, pancreas, biliary tract, liver, and breast. Perhaps the most useful application is the identification of thyroid carcinoma of the papillary type, although 50%-60% of follicular carcinomas are also labeled. Anti-CK19 is a useful marker for detection of tumor cells in lymph nodes, peripheral blood, bone marrow and breast cancer.
Immunogen	Recombinant full-length human Cytokeratin 19 protein. (Uniprot: P08727)

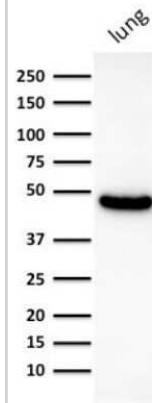
Product Application Details

Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Flow (Intracellular), Immunofluorescence 1 - 2 ug/ml, CyTOF-ready
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. Optimal dilution for a specific application should be determined.

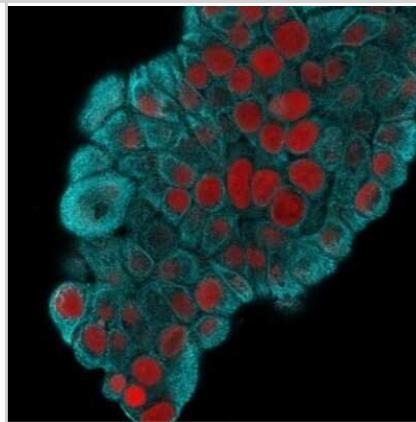


Images

Western Blot: Cytokeratin 19 Antibody (KRT19/800) - Azide and BSA Free [NBP2-47946] - Western Blot Analysis of human lung lysate using Cytokeratin 19 Antibody (KRT19/800).



Immunocytochemistry/Immunofluorescence: Cytokeratin 19 Antibody (KRT19/800) - Azide and BSA Free [NBP2-47946] - Immunofluorescence Analysis of MeOH-fixed MCF-7 cells labeling CK19 using Cytokeratin 19 Antibody (KRT19/800) followed by Goat anti-Mouse IgG-CF488 (Cyan). The nuclear counterstain is Red Dot (Red)



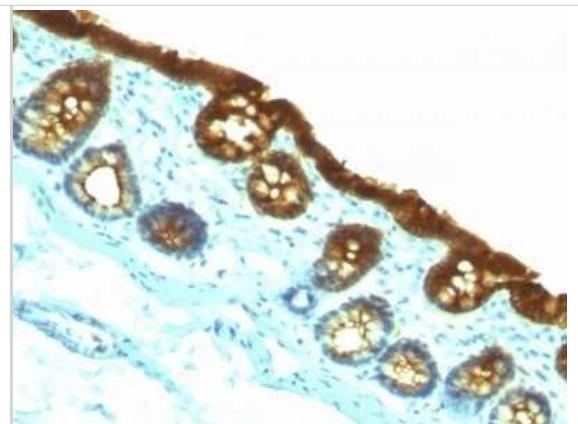
Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (KRT19/800) - Azide and BSA Free [NBP2-47946] - Rat Lung stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



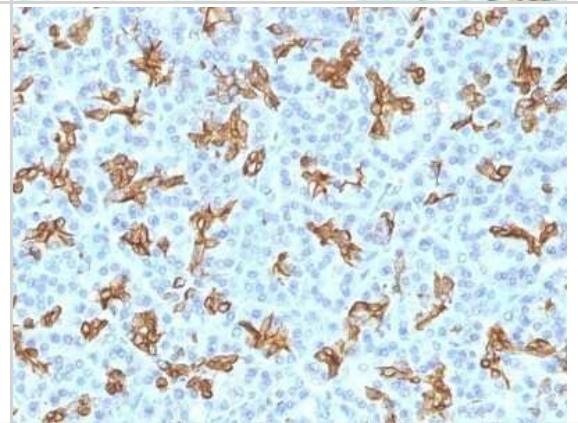
Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (KRT19/800) - Azide and BSA Free [NBP2-47946] - Human Endometrial Carcinoma stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



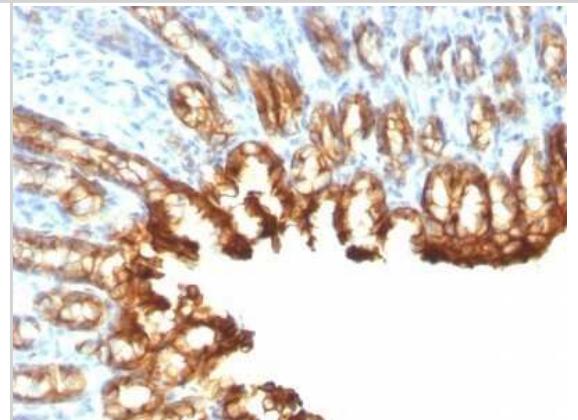
Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (KRT19/800) - Azide and BSA Free [NBP2-47946] - Rat Colon stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



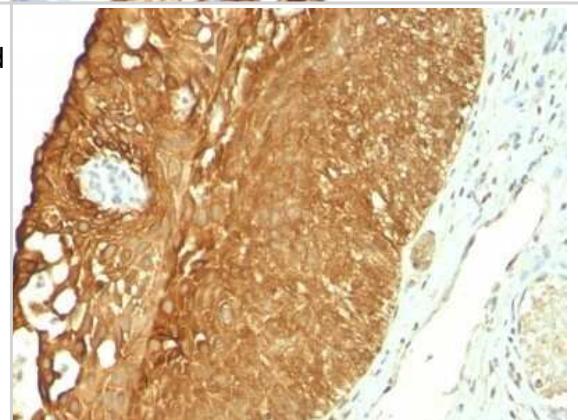
Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (KRT19/800) - Azide and BSA Free [NBP2-47946] - Human Pancreas stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (KRT19/800) - Azide and BSA Free [NBP2-47946] - Rat Stomach stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (KRT19/800) - Azide and BSA Free [NBP2-47946] - Human Cervical Carcinoma stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)





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Products Related to NBP2-47946-0.1mg

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)
NBP1-78278PEP	Cytokeratin 19 Antibody Blocking Peptide

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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