

Product Datasheet

Cytokeratin 19 Antibody (Ks19.1) - Azide and BSA Free NBP2-47947-0.1mg

Unit Size: 0.1 mg

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

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NBP2-47947-0.1mg

Cytokeratin 19 Antibody (Ks19.1) - 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	Ks19.1
Preservative	No Preservative
Isotype	IgG2a Lambda
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 (NBP2-44828). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3880
Gene Symbol	KRT19
Species	Human
Marker	Pancreatic Stem Cell Marker
Specificity/Sensitivity	This monoclonal antibody reacts with the rod domain of human cytokeratin-19 (CK19), a polypeptide of 40kDa. Its epitope maps between amino acid 312-335. CK19 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	Human breast cancer MCF-7 cells

Product Application Details	
Applications	Western Blot, Flow Cytometry, 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, Immunofluorescence 1 - 2 ug/ml, CyTOF-ready

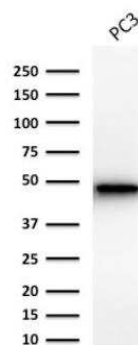


Application Notes

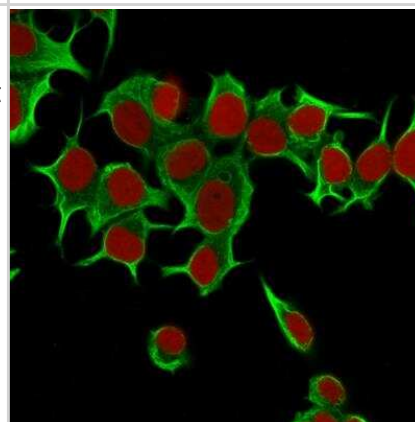
Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

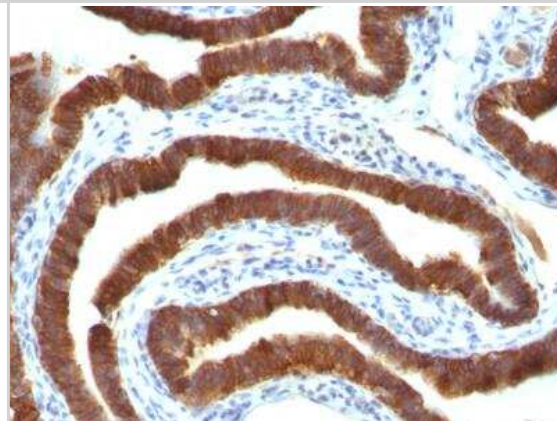
Western Blot: Cytokeratin 19 Antibody (Ks19.1) - Azide and BSA Free [NBP2-47947] - Human Prostrate cancer PC-3 cell lysate using Cytokeratin 19 Ab (Ks19.1).



Immunocytochemistry/Immunofluorescence: Cytokeratin 19 Antibody (Ks19.1) - Azide and BSA Free [NBP2-47947] - Analysis of MCF-7 cells labeling Cytokeratin 19 with Cytokeratin 19 Ab (Ks19.1) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Reddot (Red).



Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (Ks19.1) - Azide and BSA Free [NBP2-47947] - Human Ovarian Carcinoma stained with Cytokeratin 19 Ab (Ks19.1)





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Products Related to NBP2-47947-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-78278PEP	Cytokeratin 19 Antibody Blocking Peptide
1129-ER-050	ErbB2/Her2 [Unconjugated]

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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