

Product Datasheet

Cytokeratin 8/18 Antibody (KRT8.18/1346) - Azide and BSA Free NBP2-54520-100ug

Unit Size: 100 ug

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

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NBP2-54520-100ug

Cytokeratin 8/18 Antibody (KRT8.18/1346) - 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	KRT8.18/1346
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 (NBP2-53330). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3856
Gene Symbol	KRT8
Species	Human
Specificity/Sensitivity	Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). This monoclonal antibody recognizes all simple epithelia including glandular epithelium, for example thyroid, female breast, gastrointestinal tract, respiratory tract, and urogenital tract including transitional epithelium. All adenocarcinomas and most squamous carcinomas are positive but keratinizing squamous carcinomas are usually negative. This antibody is useful in demonstrating the presence of Paget cells; there is very little keratin 18 in the normal epidermis so only Paget cells are stained.
Immunogen	Cytoskeleton preparation from HeLa cells
Product Application Details	
Applications	Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Flow (Intracellular), CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 0.1-0.2ug/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.

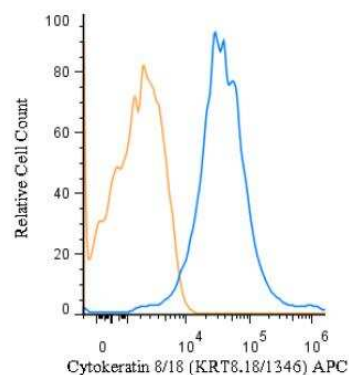


Images

Immunohistochemistry-Paraffin: Cytokeratin 8 Antibody (KRT8.18/1346) [NBP2-54520] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (KRT8.18/1346).

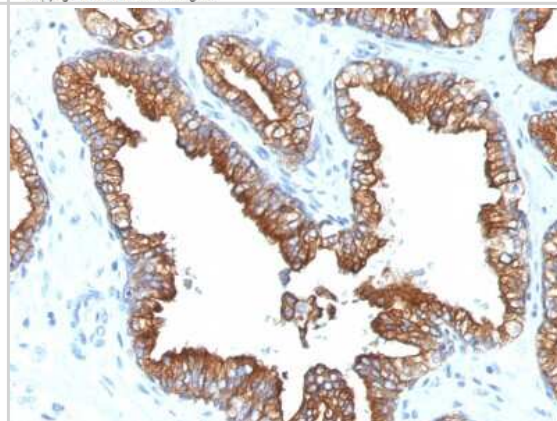


Flow (Intracellular): Cytokeratin 8/18 Antibody (KRT8.18/1346) - Azide and BSA Free [NBP2-54520] - An intracellular stain was performed on HepG2 cells with Cytokeratin 8/18 Antibody (KRT8.18/1346) NBP2-54520APC (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to allophycocyanin.



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Immunohistochemistry-Paraffin: Cytokeratin 8 Antibody (KRT8.18/1346) [NBP2-54520] - Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (KRT8.18/1346).



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Products Related to NBP2-54520-100ug

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)
8184-CK-050	Choline Kinase beta [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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