

Product Datasheet

Cytokeratin 8/18 Antibody (C-51)

NBP2-44929-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44929-0.1mg

Cytokeratin 8/18 Antibody (C-51)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	C-51
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

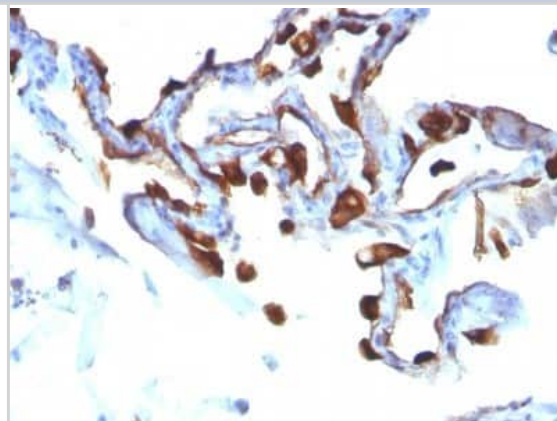
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-11565) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3856
Gene Symbol	KRT8
Species	Human, Rat, Porcine, Bovine, Ferret (Negative), Monkey, Sheep, Chicken (Negative), Donkey (Negative), Mouse (Negative), Rabbit (Negative), Xenopus (Negative)
Reactivity Notes	Does not react with Mouse, Ferret, Rabbit, donkey, Chicken or Xenopus laevis. Rat reactivity reported in scientific literature (PMID: 28975767).
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	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunofluorescence
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Immunofluorescence 1 - 2 ug/ml
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

Immunohistochemistry-Paraffin: Cytokeratin 8/18 Antibody (C-51) [NBP2-44929] - Human Lung Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (C-51).



Publications

Hu J, Ishihara M, Chin AI, Wu L Establishment of xenografts of urological cancers on chicken chorioallantoic membrane (CAM) to study metastasis *Precis Clin Med* 2019-09-01 [PMID: 31598385] (IF/IHC, Human, Mouse)

Wang X, Xu M, Jia J et al. CD47 blockade reduces ischemia/reperfusion injury in donation after cardiac death rat kidney transplantation. *Am. J. Transplant.* 2017-10-04 [PMID: 28975767] (Rat)



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Products Related to NBP2-44929-0.1mg

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)
MAB1368	alpha-Fetoprotein/AFP Antibody (189502) [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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