

# Product Datasheet

## Cytokeratin 14 Antibody (KRT14/532) [Alexa Fluor® 488] NBP2-47720AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47720AF488**

Cytokeratin 14 Antibody (KRT14/532) [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	KRT14/532
Preservative	0.05% Sodium Azide
Isotype	IgG3 Kappa
Conjugate	Alexa Fluor 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3861
Gene Symbol	KRT14
Species	Human, Mouse, Rat
Marker	Squamous Cell Marker
Specificity/Sensitivity	Cytokeratin 14 (CK14) belongs to the type I (or A or acidic) subfamily of low molecular weight keratins and exists in combination with keratin 5 (type II or B or basic). CK14 is found in basal cells of squamous epithelia, some glandular epithelia, myoepithelium, and mesothelial cells. Anti-CK14 is useful in differentiating squamous cell carcinomas from poorly differentiated epithelial tumors. Anti-CK14 is one of the specific basal markers for distinguishing between basal and non-basal subtypes of breast carcinomas. Anti-CK14 is also a good marker for differentiation of intraductal from invasive salivary duct carcinoma by the positive staining of basal cells surrounding the in-situ neoplasm as well as for differentiation of benign prostate from prostate carcinoma. Furthermore, this antibody has been useful in separating oncocytic tumors of the kidney from its renal mimics, and in identifying metaplastic carcinomas of the breast.
Immunogen	Recombinant full-length human Cytokeratin 14 protein (Uniprot: P02533)



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<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-47720AF488**

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NBP1-72467-100ug	Recombinant Human Cytokeratin 14 His Protein
1129-ER-050	ErbB2/Her2 [Unconjugated]
NBP1-84917PEP	Cytokeratin 14 Recombinant Protein Antigen
NB100-355	RPE65 Antibody (401.8B11.3D9) - BSA Free

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### **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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