

Product Datasheet

Cytokeratin 14 Antibody (LL002) [DyLight 488] NBP2-34675G

Unit Size: 0.1 ml

Store at 4C in the dark.

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Publications: 1

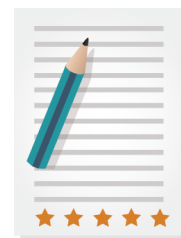
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NBP2-34675G

Cytokeratin 14 Antibody (LL002) [DyLight 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	LL002
Preservative	0.05% Sodium Azide
Isotype	IgG3 Kappa
Conjugate	DyLight 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
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	A synthetic peptide of 15 amino acid from the C-terminus of human Cytokeratin 14. (Uniprot: P02533)
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready



Recommended Dilutions

Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/
Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-
Frozen, CyTOF-ready

Publications

Wiraja C, Zhu Y, et al. Framework nucleic acids as programmable carrier for transdermal drug delivery. Nat Commun 2019-03-08 [PMID: 30850596] (IF/IHC, Mouse)





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Products Related to NBP2-34675G

NBP1-72467-100ug	Recombinant Human Cytokeratin 14 His Protein
1129-ER-050	ErbB2/Her2 [Unconjugated]
NBP3-39675	Human Cytokeratin 14 ELISA Kit (Colorimetric)
NB100-355	RPE65 Antibody (401.8B11.3D9) - BSA Free

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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