

# Product Datasheet

## Cytokeratin 15 Antibody (LHK15) - BSA Free NBP2-50461

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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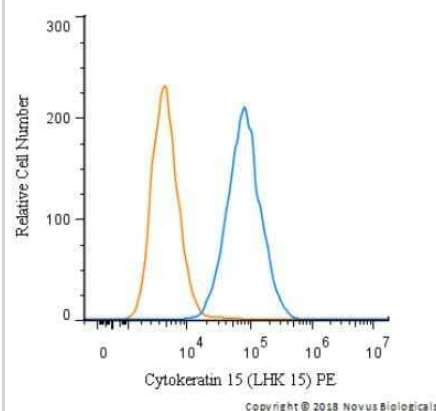
**NBP2-50461**

Cytokeratin 15 Antibody (LHK15) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	LHK15
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	3866
Gene Symbol	KRT15
Species	Human, Mouse, Rat, Bovine
Immunogen	Peptide sequence of Cytokeratin 15 - BSA conjugate
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, CyTOF-ready
Application Notes	Positive control(s): Mouse colon tissue (IHC), A431 cells (IF), HepG2 cells (IF), COS7 cells (IF). This antibody is Cytof ready.

**Images**

Flow Cytometry: Cytokeratin 15 Antibody (LHK 15) [NBP2-50461] - An intracellular stain was performed on HeLa cells with Cytokeratin 15 Antibody (LHK 15) NBP2-50461PE (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 Phycoerythrin.



## Publications

X He, SE Smith, S Chen, H Li, D Wu, PI Meneses-Gi, Y Wang, M Hembree, K Yi, X Zhao, F Guo, JR Unruh, LE Maddera, Z Yu, A Scott, A Perera, Y Wang, C Zhao, K Bae, A Box, JS Haug, F Tao, D Hu, DM Hansen, P Qian, S Saha, D Dixon, S Anant, D Zhang, EH Lin, W Sun, LM Wiedemann, L Li Tumor-initiating stem cell shapes its microenvironment into an immunosuppressive barrier and pro-tumorigenic niche Cell Reports, 2021-09-07;36 (10):109674. 2021-09-07 [PMID: 34496236]





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### **Products Related to NBP2-50461**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-85602PEP	Cytokeratin 15 Recombinant Protein Antigen

### **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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