

# Product Datasheet

## Cytokeratin 7/17 Antibody (C-46) [PE] NB500-352PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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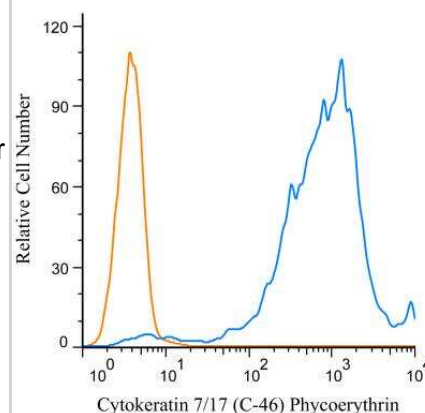
**NB500-352PE****Cytokeratin 7/17 Antibody (C-46) [PE]**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	C-46
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	PE
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3855
<b>Gene Symbol</b>	KRT7
<b>Species</b>	Human, Porcine, Bovine, Mouse (Negative), Rabbit (Negative), Rat (Negative)
<b>Specificity/Sensitivity</b>	The antibody C-46 reacts with Cytokeratin peptides 7 and 17 (54 and 46 kDa). Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.
<b>Immunogen</b>	Cytoskeleton preparation of HeLa human cervix carcinoma cell line.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready

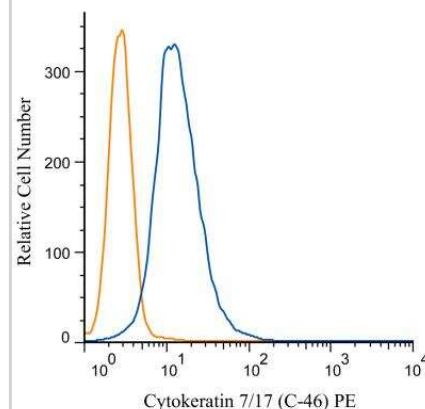


## Images

**Flow Cytometry: Cytokeratin 7/17 Antibody (C-46) [PE] [NB500-352PE] -**  
An intracellular stain was performed on HeLa cells with Cytokeratin 7/17 antibody (C-46) NB500-352PE (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 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



**Flow Cytometry: Cytokeratin 7/17 Antibody (C-46) [PE] [NB500-352PE] -**  
An intracellular stain was performed on HeLa cells with Cytokeratin 7/17 (C-46) antibody NB500-352PE (blue) and a matched isotype control NBP2-27287PE (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



## Publications

Cheng, K S, Pan, R Et al. ALICE: a hybrid AI paradigm with enhanced connectivity and cybersecurity for a serendipitous encounter with circulating hybrid cells. Theranostics 2020-10-13 [PMID: 33042268] (WB, Human)



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### **Products Related to NB500-352PE**

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NBP1-97005PE	Mouse IgG1 Isotype Control (MG1) [PE]
NB500-352UV	Cytokeratin 7/17 Antibody (C-46) [DyLight 350]
8184-CK-050	Choline Kinase beta [Unconjugated]
NB300-223	Vimentin Antibody

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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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