

# Product Datasheet

## Cytokeratin 5/6 Antibody (PSH0-68) **NBP3-32252**

Unit Size: 100 ul

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

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**NBP3-32252**

Cytokeratin 5/6 Antibody (PSH0-68)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PSH0-68
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	60 kDa

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	3852
<b>Gene Symbol</b>	KRT5
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptide within human Cytokeratin 6 186-235. (Uniprot: P02538)

**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, Flow Cytometry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:100

## Images

Western Blot: Cytokeratin 5/6 Antibody (PSH0-68) [NBP3-32252] - Western blot analysis of Cytokeratin 5/6 on different lysates with Rabbit anti-Cytokeratin 5/6 antibody (NBP3-32252) at 1/1,000 dilution.

Lane 1: A431 cell lysate  
Lane 2: NCI-H226 cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 60 kDa  
Observed band size: 55 kDa

Exposure time: 1 minute;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32252) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

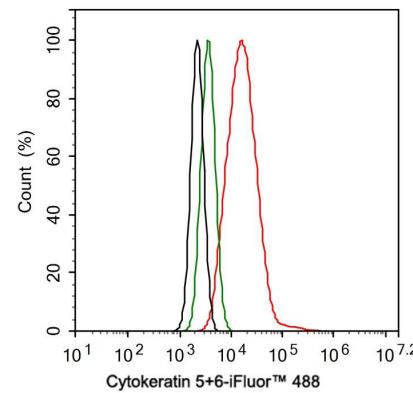
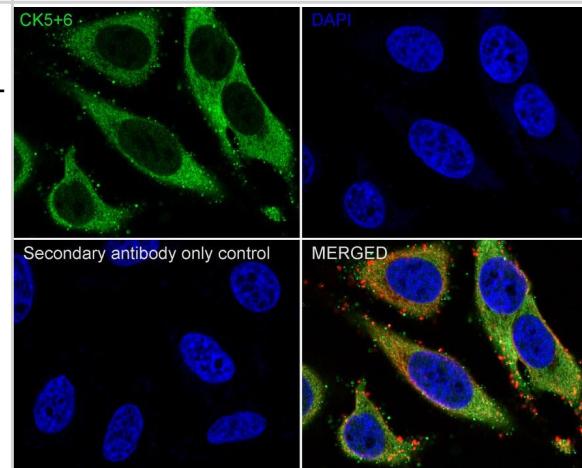
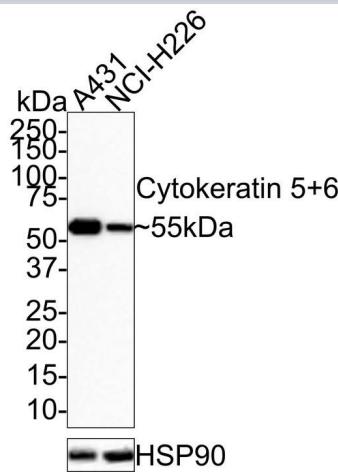
Immunocytochemistry/ Immunofluorescence: Cytokeratin 5/6 Antibody (PSH0-68) [NBP3-32252] - Immunocytochemistry analysis of HeLa cells labeling Cytokeratin 5/6 with Rabbit anti-Cytokeratin 5/6 antibody (NBP3-32252) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37°C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Cytokeratin 5/6 antibody (NBP3-32252) at 1/100 dilution in 2% negative goat serum overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/200 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.

Flow Cytometry: Cytokeratin 5/6 Antibody (PSH0-68) [NBP3-32252] - Flow cytometric analysis of A431 cells labeling Cytokeratin 5/6.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32252, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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## Products Related to NBP3-32252

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
1129-ER-050	ErbB2/Her2 [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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