

# Product Datasheet

## p63/TP73L Antibody (ZR8) - Azide and BSA Free NBP3-08776

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP3-08776**

p63/TP73L Antibody (ZR8) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ZR8
Preservative	No Preservative
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	10 mM PBS
Target Molecular Weight	40 kDa

Product Description	
Description	<p>1.0 mg/ml of antibody purified by Protein A Column. Prepared in 10mM PBS WITHOUT BSA &amp; azide. Also available at 200 ug/ml WITH BSA &amp; azide (NBP3-07454).</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.</p>
Host	Rabbit
Gene ID	8626
Gene Symbol	TP63
Species	Human
Marker	Squamous, Basal & Myoepithelial Cell Marker
Specificity/Sensitivity	<p>p63 consists of two major isoforms-TAp63 and delta-Np63. These isoforms differ in the structure of the N-terminal domains. The TAp63 isoform (identified by anti-p63 antibody) contains a transactivation-competent TA domain with homology to p53, which regulates the expression of the growth-inhibitory genes. In contrast, DNp63 isoform (identified by anti-p40 antibody) contains an alternative transcriptionally-inactive delta-N domain, which antagonizes the activity of TAp63 and p53. The p40 (clone ZR8) antibody recognizes exclusively delta-Np63 but not TAp63. p40 is a squamous cell carcinoma specific antibody. It reacts with the vast majority of cases of squamous cell carcinomas of various origins, but not with adenocarcinomas. It is particularly useful in differentiating lung squamous cell carcinoma from lung poorly differentiated adenocarcinoma. p40 antibody can also be used as an alternative basal cell/myoepithelial cell marker, which has similar sensitivity and specificity as that of p63 antibody. Therefore, p40 antibody may also be used as an alternative immunohistochemical marker for determining prostate adenocarcinoma vs. benign prostate glands and for determining breast intraductal carcinoma vs. invasive breast ductal carcinoma.</p>
Immunogen	A synthetic peptide (ENNAQTQFSEPQY) corresponding to aa5-17 of human p63/TP73L protein (Uniprot: Q9H3D4 )

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin

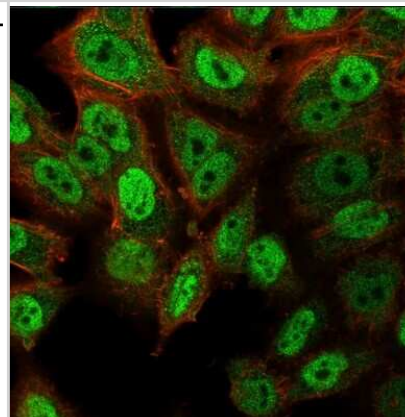


<b>Recommended Dilutions</b>	Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

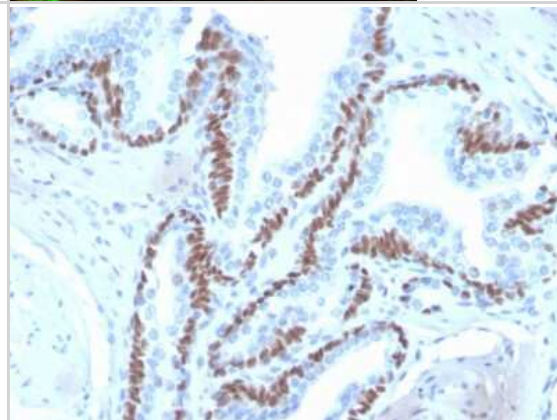


## Images

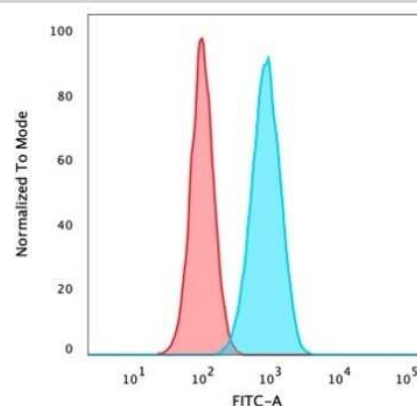
Immunocytochemistry/Immunofluorescence: p63/TP73L Antibody (ZR8) - Azide and BSA Free [NBP3-08776] - Immunofluorescence Analysis of PFA-fixed HeLa cells labeling p63/TP73L Recombinant Rabbit Monoclonal Antibody (ZR8) followed by goat anti-rabbit IgG-CF488 (green); phalloidin counterstain (red).



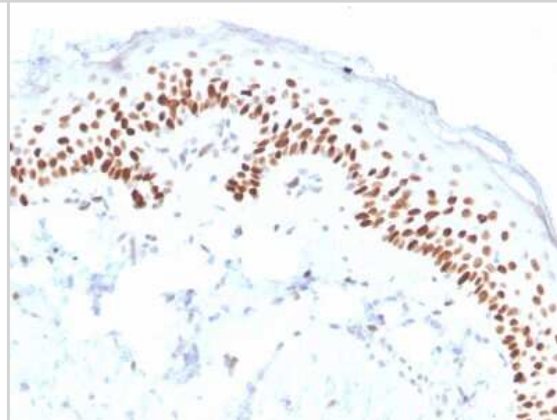
Immunohistochemistry-Paraffin: p63/TP73L Antibody (ZR8) - Azide and BSA Free [NBP3-08776] - Formalin-fixed, paraffin-embedded human skin stained with p63/TP73L Recombinant Rabbit Monoclonal Antibody (ZR8).



Flow Cytometry: p63/TP73L Antibody (ZR8) - Azide and BSA Free [NBP3-08776] - Flow Cytometric Analysis of PFA-fixed HeLa cells using p63/TP73L Recombinant Rabbit Monoclonal Antibody (ZR8) followed by goat anti-rabbit IgG-CF488 (blue); isotype control (red).



Immunohistochemistry-Paraffin: p63/TP73L Antibody (ZR8) - Azide and BSA Free [NBP3-08776] - Formalin-fixed, paraffin-embedded human skin stained with p63/TP73L Recombinant Rabbit Monoclonal Antibody (ZR8).





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### **Products Related to NBP3-08776**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00008626-P01-10ug	Recombinant Human p63/TP73L GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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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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