

Product Datasheet

p40/deltaNp63 Antibody (P40/4396R)

NBP3-13805-100ug

Unit Size: 100 ug

Store at 4C.

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Updated 7/16/2024 v.20.1

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NBP3-13805-100ug

p40/deltaNp63 Antibody (P40/4396R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	P40/4396R
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	63 kDa

Product Description	
Description	200ug/ml of antibody purified by Protein A Column. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-14050) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Rabbit
Gene ID	8626
Gene Symbol	TP63
Species	Human
Marker	Squamous, Basal & Myoepithelial Cell Marker
Specificity/Sensitivity	p40 antibody (antibody recognizing Np63 only) is an isoform of p63, is thought to function as a stem cell factor, responsible for maintaining cells in an uncommitted state with regenerative potential a role that may be recapitulated in tumors derived from these cells. p40 is normally expressed in the basal or progenitor cell layer of stratified epithelia (eg. squamous, urothelial, bronchial), basal cells of some glandular epithelia (eg. prostate), as well as myoepithelial cells of breast and salivary glands, trophoblasts and thymic epithelial cells. In tumor tissues, p40 expression is specific for squamous cell carcinoma. p40 is equivalent to p63 in sensitivity for lung squamous cell carcinoma, but it is markedly superior to p63 in specificity, which eliminates a potential pitfall of misinterpreting a p63-positive adenocarcinoma or unsuspected lymphoma as squamous cell carcinoma. p40 appears to be a more reliable marker for squamous cell carcinoma.
Immunogen	Recombinant fragment (around aa1-100) of human p40/deltaNp63 protein (exact sequence is proprietary) (Uniprot: Q9H3D4)

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, ELISA, Immunohistochemistry-Paraffin 1-2 ug/ml



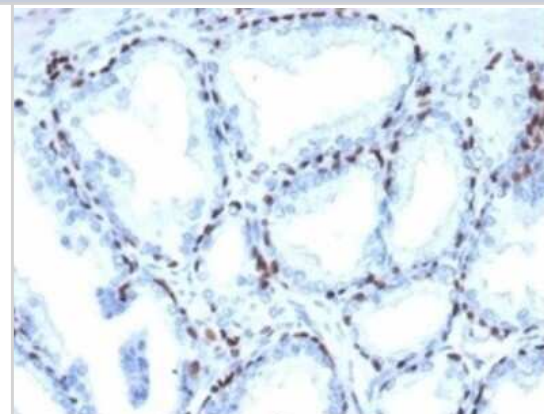
Application Notes

ELISA: For coating, order antibody without BSA

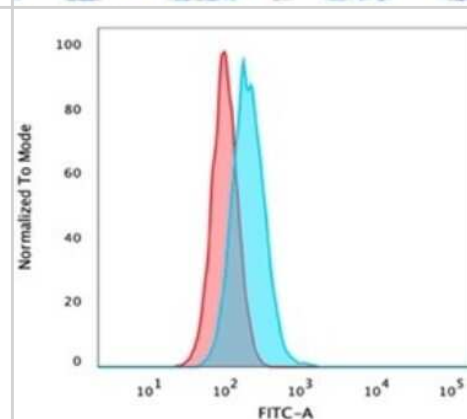
Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes

Images

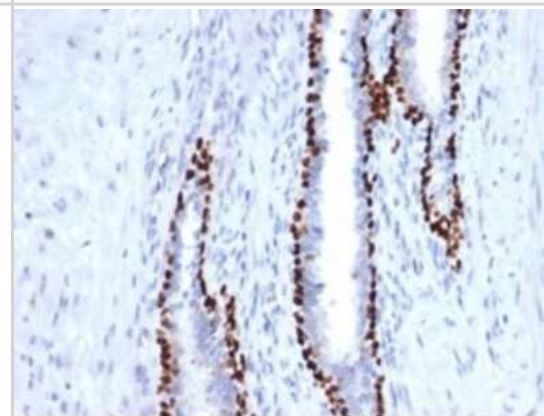
Immunohistochemistry-Paraffin: p40/deltaNp63 Antibody (P40/4396R) [NBP3-13805] - Formalin-fixed, paraffin-embedded human prostate stained with p40/deltaNp63 antibody (P40/4396R).



Flow Cytometry: p40/deltaNp63 Antibody (P40/4396R) [NBP3-13805] - Flow cytometric analysis of PFA-fixed HeLa cells. p40/deltaNp63 antibody (P40/4396R) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).



Immunohistochemistry-Paraffin: p40/deltaNp63 Antibody (P40/4396R) [NBP3-13805] - Formalin-fixed, paraffin-embedded human prostate stained with p40/deltaNp63 antibody (P40/4396R).





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Products Related to NBP3-13805-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
210-TA-005	TNF-alpha [Unconjugated]
285-IF-100	IFN-gamma [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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