p40 (deltaNp63) (Squamous, Basal & Myoepithelial Cell Marker) Antibody

Catalog No	Format	Size
8626-RBP5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
8626-RBP5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
8626-RBP5-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

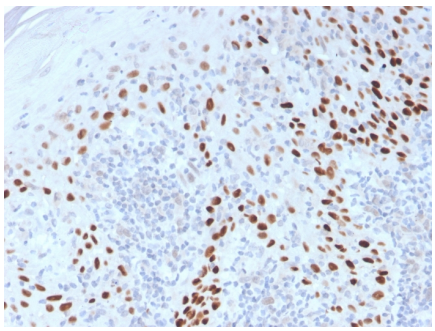
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

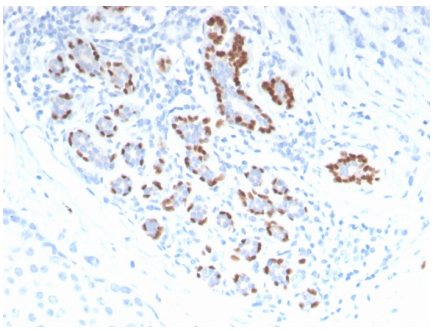
Gene Name	TP63
Immunogen	Recombinant human p40 protein fragment
Host	Rabbit
Clonality	Polyclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	40kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Human prostate or lung tissue (IHC).

**Optimal dilution for a specific application should be determined.*

Product Images for p40 (deltaNp63) (Squamous, Basal & Myoepithelial Cell Marker) Antibody



Formalin-fixed, paraffin-embedded Cervix stained with p40 Rabbit Polyclonal Antibody.



Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with p40 Rabbit Polyclonal Antibody.

Specificity & Comments

p40 (p63 delta) is a marker recently determined to be highly specific for squamous basal cells in the immunohistochemistry (IHC) application. The current more routinely recommended marker, p63, appears to have less specificity compared to p40, especially on squamous cell tumors. The ability to differentiate between lung adenocarcinoma vs. squamous cell carcinoma is difficult and has bearing on the different therapeutic avenues for each subtype treatment. p63 antibody s ability to distinguish between the tumor types appears to be inferior when compared to p40. The ability to utilize an antibody probe for p40 as a squamous cell marker bolsters its use for future sub-classification of lung cancers, especially by immunohistochemical techniques.

Supplied As

200ug/ml of Ab Purified by Protein A Column. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Basal Cell Marker, Nuclear Marker, Stem Cell Differentiation, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.