

36-3429: Anti-p40 (deltaNp63) (Squamous, Basal & Myoepithelial Cell Marker) Polyclonal Antibody

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| Clonality : | Polyclonal |
| Application : | IHC |
| Reactivity : | Human |
| Gene : | TP63 |
| Gene ID : | 8626 |
| Uniprot ID : | Q9H3D4 |
| Alternative Name : | deltaNp63, TP63 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Recombinant human p40 protein fragment |

Description

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.

Product Info

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| Amount : | 20 µg / 100 µg |
| Content : | 200 µg/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 condition : | 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. |

Application Note

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 95°C followed by cooling at RT for 20 minutes);

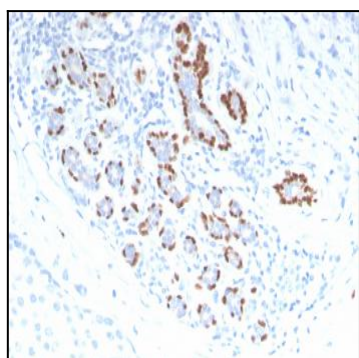


Fig. 1: Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with p40 Rabbit Polyclonal Antibody.

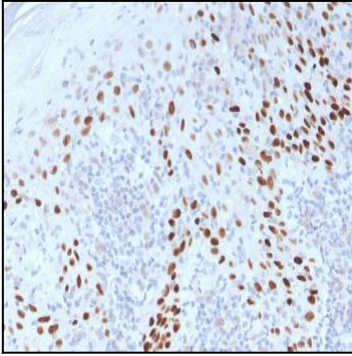


Fig. 2: Formalin-fixed, paraffin-embedded Cervix stained with p40 Rabbit Polyclonal Antibody.