

p63 (4A4)

Mouse Monoclonal Antibody

Specificity: Humans

Immunogen: Recombinant fragment corresponding to Human p63 aa 1-205

Ig Class: IgG2a /k

Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions:

Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Detection

methods: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control:

Skin, prostate. Localization: Nuclear. Intended Use: Research Use Only (RUO).

Description: p63 is a homolog of the tumor suppressor p53. It is identified in basal cells in the epithelial layers of a variety of tissues, including the epidermis, cervix, urothelium, breast, and prostate. p63 was detected in nuclei of the basal epithelium in normal prostate glands; however, it was not expressed in malignant tumors of the prostate. As a result, p63 has been reported as a useful marker for differentiating benign from malignant lesions in the prostate, particularly when used in combination with markers of high molecular weight cytokeratins and the prostate-specific marker AMACR (P504S). p63 has also been shown to be a sensitive marker for lung squamous cell carcinomas (SqCC), with a sensitivity of ~90%. The specificity for lung SqCC vs. lung adenocarcinoma (LADC) is approximately 80%. In breast tissue, p63 has been identified in myoepithelial cells of normal ducts.

Intended Use: This antibody is intended for research use only (RUO). p63(4A4) monospecific Mouse Monoclonal primary antibody is intended for laboratory use in the detection of p63 in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

Supplied As: Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% ProClin.

References:

1. Terry J, et al. Am J Surg Pathol. 2010; 34:1805-11.
2. Signoretti S, et al. Am J Pathol. 2000; 157:1769-75.



Z2003ML/ Z2003MS/ Z2003MT/ Z2003MP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



ZETA Corporation

605 E Huntington Dr., Ste 204

Monrovia, CA 91016, USA

Tel: (626) 355-2053

<http://www.zeta-corp.com>



(concentrate)



(dilution)



(supernatant)



(predilute)