

p63 (ZR439)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment corresponding to the C-terminus of human TP63 protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: p63 (ZR439) Rabbit Monoclonal primary antibody detects p63 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain p63 protein.

Localization: Nucleus.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

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 indicative for malignant transformation distinguishing benign from malignant lesions in the prostate, particularly when upon coexpression of AMACR (P504S). p63 has also been shown to be expressed by ~90% lung squamous cell carcinomas (SqCC). In breast tissue, p63 has been identified in myoepithelial cells of normal ducts.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

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.

REF Z2795RL/ Z2795RS/ Z2795RT/ Z2795RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)