

Basal Cell Marker (p63 + HMW CK)

Mouse anti-p63 + Mouse anti-Cytokeratin (HMW)

Catalog No.	PDM 174
Intended Use	Research Use Only. Optimal working conditions must be determined by the end user.
Immunogen(s)	p63: (amino acids 1-205) HMW-CK: solubilized keratin extracted from human stratum corneum
Clone(s)	p63: 4A4 HMW-CK: 34βE12
Isotype(s)	p63: IgG2a HMK-CK: IgG1
Format	These antibodies have been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required. The solutions are thimerosol-free.
Staining Protocol	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity	This antibody cocktail recognizes the p63 protein and HMW cytokeratin. p63 is expressed in normal prostate basal cells. HMW cytokeratins stain stratified epithelia and basal cells.
Positive Control	Prostatic intraepithelial neoplasia (PIN)
Cellular Localization	p63: Nuclear HMW-CK: Cytoplasmic
Storage	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References	(i) Beach et al. Am J Surg Pathol 26 (12): 1588, 2002. (ii) Luo et al. Cancer Res 62 (8): 2220, 2002. (iii) Molinie et al. Mod Pathol 17: 1180, 2004. (iv) Tacha and Miller Appl Immunohistochem Mol Morphol 12 (1): 75, 2004. (v) Signoretti et al. Am J Pathol 157 (6): 1769, 2000. (vi) Wang et al. Differentiation 68 (4-5): 270, 2001. (vii) Yang et al. Mol Cell 2: 305, 1998.

RUO: Research Use Only

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