

Product Datasheet

Recombinant p63 Antibody / Rabbit Monoclonal (orb606566)

Catalog Number	orb606566
Category	Antibodies
Description	<p>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 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%. Specificity for lung SqCC, vs. lung adenocarcinoma (LADC), is approximately 80%. In breast tissue, p63 has been identified in myoepithelial cells of normal ducts.</p>
Clonality	Recombinant
Species/Host	Rabbit
Isotype	Rabbit IgG, kappa
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
Purification	Protein A affinity chromatography
Immunogen	Full-length human recombinant protein was used as the immunogen for the recombinant p63 antibody.

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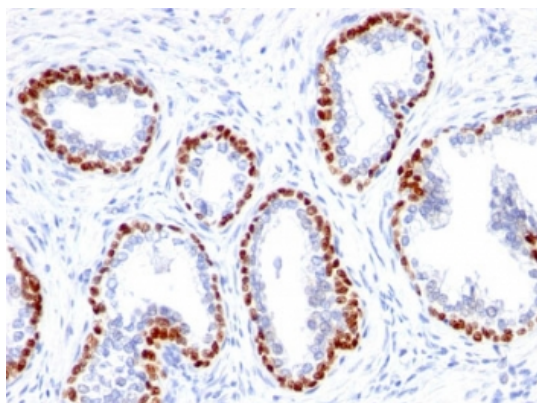
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UniProt ID	Q9H3D4
Tested applications	IHC-P
Dilution range	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application notes	Optimal dilution of the recombinant p63 antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	TP63/1423R
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC testing of FFPE human prostate cancer with recombinant p63 antibody (clone TP63/1423R). Required HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

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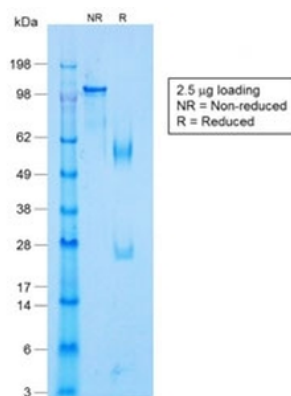
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SDS-PAGE analysis of purified, BSA-free recombinant p63 antibody (clone TP63/1423R) as confirmation of integrity and purity.

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