

Product Datasheet

Recombinant p63 Antibody / Tumor protein 63 (orb1151490)

Catalog Number	orb1151490
Category	Antibodies
Description	Rabbit monoclonal antibody to p63
Clonality	Recombinant
Species/Host	Rabbit
Isotype	Rabbit IgG, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
Purification	Protein A affinity
Immunogen	A portion of amino acids 600-680 was used as the immunogen for the recombinant p63 antibody.
UniProt ID	Q9H3D4
Tested applications	IHC-P
Dilution range	Immunohistochemistry (FFPE): 1-2ug/ml
Application notes	Optimal dilution of the recombinant p63 antibody should be determined by the researcher.
Antibody Type	Primary Antibody

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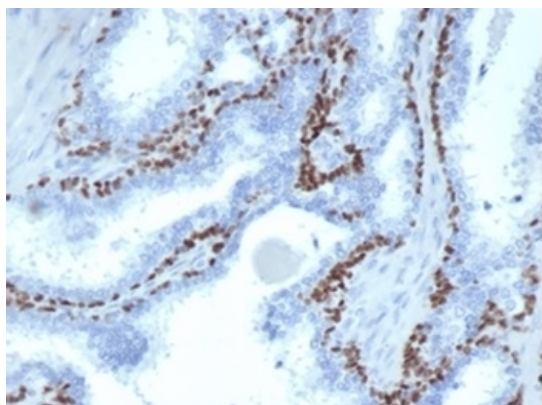
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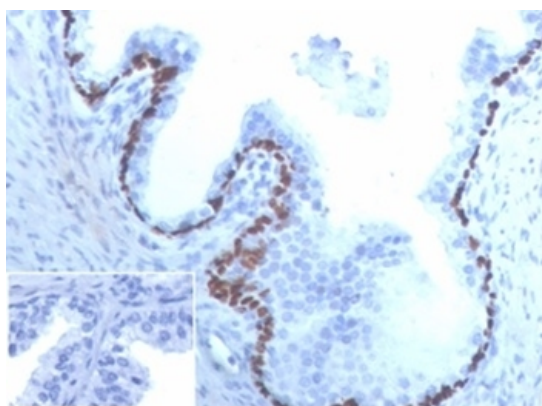
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Clone Number	TP63/4379R
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human prostate cancer with recombinant p63 antibody (clone TP63/4379R). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human prostate cancer tissue with recombinant p63 antibody (clone TP63/4379R). Negative control inset: PBS instead of primary antibody to control for secondary binding. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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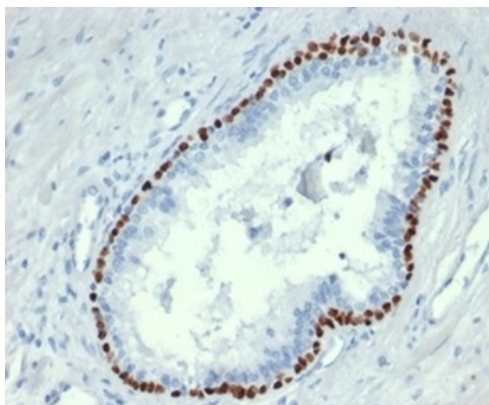
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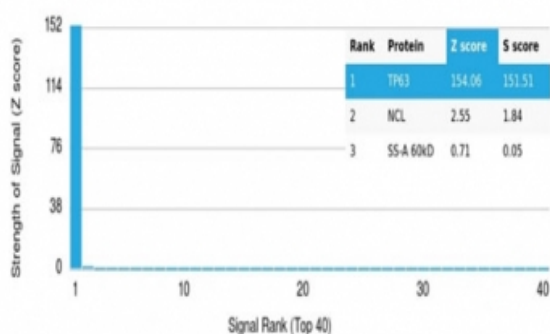
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IHC staining of FFPE human prostate cancer tissue with recombinant p63 antibody (clone TP63/4379R). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Human Protein Microarray Specificity Validation



Analysis of HuProt (TM) microarray containing more than 19000 full-length human proteins using recombinant p63 antibody (clone TP63/4379R). These results demonstrate the foremost specificity of the TP63/4379R mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt (TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

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