

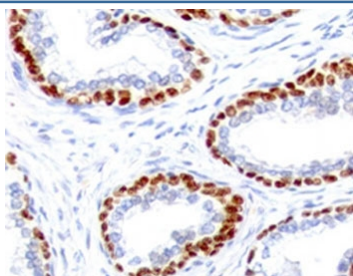
## Recombinant p63 Antibody / Rabbit Monoclonal [clone TMPR63-1R] (V3816)

Catalog No.	Formulation	Size
V3816-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3816-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3816SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, k
Clone Name	TMPR63-1R
Purity	Protein A affinity chromatography
UniProt	Q9H3D4
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This recombinant p63 antibody is available for research use only.



IHC testing of FFPE human prostate cancer with recombinant p63 antibody (clone TMPR63-1R). Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

### Description

Acts as a sequence specific DNA binding transcriptional activator or repressor. The isoforms contain a varying set of

transactivation and auto-regulating transactivation inhibiting domains thus showing an isoform specific activity. Isoform 2 activates RIPK4 transcription. May be required in conjunction with TP73/p73 for initiation of p53/TP53 dependent apoptosis in response to genotoxic insults and the presence of activated oncogenes. Involved in Notch signaling by probably inducing JAG1 and JAG2. Plays a role in the regulation of epithelial morphogenesis. The ratio of DeltaN-type and TA\*-type isoforms may govern the maintenance of epithelial stem cell compartments and regulate the initiation of epithelial stratification from the undifferentiated embryonal ectoderm. Required for limb formation from the apical ectodermal ridge. Activates transcription of the p21 promoter. [UniProt]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant p63 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Full-length human recombinant protein was used as the immunogen for the recombinant p63 antibody.

## Storage

Store the recombinant p63 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).