

For Research Use Only

DeltaN p63 Recombinant monoclonal antibody

Catalog Number: 86154-11-RR



Basic Information

Catalog Number: 86154-11-RR	GenBank Accession Number: NM_001114980	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 8626	CloneNo.: 251209D11
Isotype: IgG	UNIPROT ID: Q9H3D4-2	Recommended Dilutions: WB: 1:1000-1:6000 IF/ICC: 1:1000-1:4000
	Full Name: tumor protein p63	
	Calculated MW: 66 kDa	
	Observed MW: 68-75 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : MCF-7 cells, A431 cells, HaCaT cells, U-937 cells, PC-12 cells, mouse skin tissue
	IF/ICC : A431 cells,

Background Information

DeltaN p63 (Δ Np63) is a major protein isoform encoded by the TP63 gene. The TP63 gene is a member of the p53 gene family, which also includes p53 and p73. The key defining feature of DeltaN p63 (Δ Np63) is the absence of the full N-terminal transactivation domain. However, it retains the central DNA-binding domain (DBD) and the C-terminal oligomerization domain (OD). The α -isoform also has a sterile alpha motif (SAM) domain and a transcriptional inhibitory domain (TID). DeltaN p63 isoforms can act as dominant-negative inhibitors of p53 and TA63 by competing for DNA binding sites or forming non-functional dimers. DeltaN p63 is highly expressed in basal layers of epithelial tissues and is essential for the maintenance and proliferation of epithelial stem cells. It plays a pivotal role in epidermal development, stratification, and regeneration.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

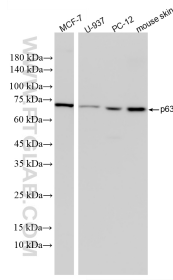
T: 4006900926

E: Proteintech-CN@ptglab.com

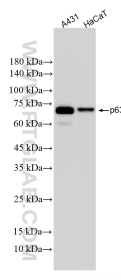
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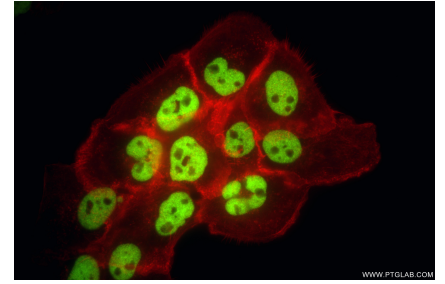
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86154-11-RR (TP63 DeltaN(P40) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (4% PFA) fixed A431 cells using TP63 DeltaN(P40) antibody (86154-11-RR, Clone: 251209D11) at dilution of 1:2000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).