

For Research Use Only

p63 Monoclonal antibody

Catalog Number: 60332-1-Ig

Featured Product

4 Publications



Basic Information

Catalog Number: 60332-1-Ig	GenBank Accession Number: BC039815	Purification Method: Protein G purification
Size: 150ul, Concentration: 633 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8626	CloneNo.: 2B6B2
Source: Mouse	UNIPROT ID: Q9H3D4	Recommended Dilutions: WB 1:500-1:2000 IHC 1:1000-1:4000
Isotype: IgG1	Full Name: tumor protein p63	
Immunogen Catalog Number: AG2791	Calculated MW: 680 aa, 77 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : PC-3 cells, HeLa IHC : human tonsillitis tissue,
Cited Applications: WB, IHC	
Species Specificity: human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

TP63, also named KET, P63, P73H, P73L and TP73L, belongs to the p53 family. It is a homologue of the tumor suppressor p53 and p73 genes. It is involved in malignancy acquisition and maintenance of cells. Unlike p53, the p63 gene encodes multiple isoforms with remarkably divergent abilities to transactivate p53 reporter genes and induce apoptosis. TP63 acts as a sequence specific DNA binding transcriptional activator or repressor. TP63 has 12 isoforms with MW 40kd(P40), 50kd(P60), 63kd(P63) and 73kd(P73L). It is Nuclear stain.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiqi Ding	35238066	Andrologia	IHC
Li-Yan Li	34272396	Nat Commun	IHC
Ziyan Zhang	39309424	Int J Biol Sci	WB

Storage

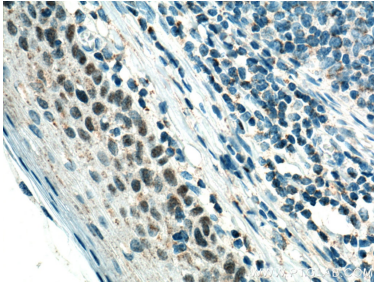
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

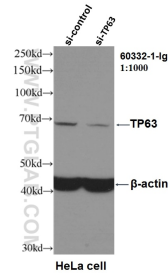
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

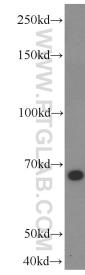
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60332-1-Ig (TP63 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of TP63 antibody (60332-1-Ig, 1:1000) with si-control and si-TP63 transfected HepG2 cells.



PC-3 cells were subjected to SDS PAGE followed by western blot with 60332-1-Ig (TP63 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.