

For Research Use Only

p63 Monoclonal antibody

Catalog Number: 60332-1-Ig

Featured Product

1 Publications



Basic Information

Catalog Number:

60332-1-Ig

Size:

150ul , Concentration: 633 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

IsoType:

IgG1

Immunogen Catalog Number:

AG2791

GenBank Accession Number:

BC039815

GeneID (NCBI):

8626

Full Name:

tumor protein p63

Calculated MW:

680 aa, 77 kDa

Observed MW:

68 kDa

Purification Method:

Protein G purification

CloneNo.:

2B6B2

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:1000-1:4000

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

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

Positive Controls:

WB : PC-3 cells, HeLa

IHC : human tonsillitis tissue,

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
Li-Yan Li	34272396	Nat Commun	IHC

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

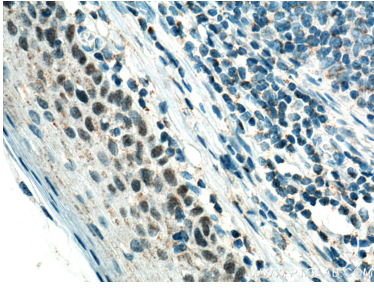
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

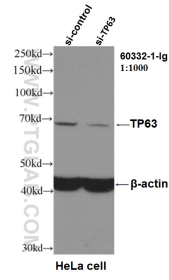
E: proteintech@ptglab.com
W: ptglab.com

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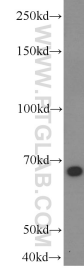
Selected Validation Data



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.