For Research Use Only

p63 Monoclonal antibody, PBS Only

Catalog Number:60332-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
60332-2-PBS

Size:
100ug , Concentration: 1mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG2791

GenBank Accession Number:
BC039815

GeneID (NCBI):
8626

UNIPROT ID:
Q9H3D4

Full Name:
tumor protein p63

Calculated MW:
680 aa, 77 kDa

Observed MW:
70 kDa

Purification Method:
Protein A purification

CloneNo.:
4D6G12

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

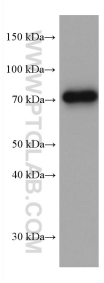
TP63, also named KET, P63, P73H, P73L and TP73L, belongs to the p53 family. It is a homologue of the tumor suppressor p53 and p73 genes. It is involved in malignancy acquisition and maintenance of cells. Unlike p53, the p63 gene encodes multiple isotypes with remarkably divergent abilities to transactivate 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.

Storage

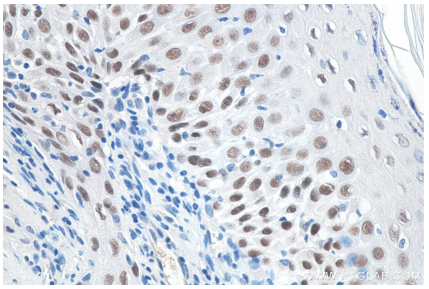
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

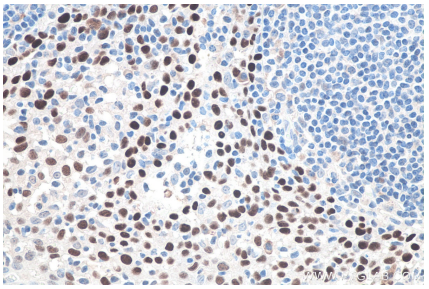
Selected Validation Data



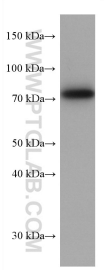
HaCaT cells were subjected to SDS PAGE followed by western blot with 60332-2-Ig (TP63 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60332-2-PBS in a different storage buffer formulation.



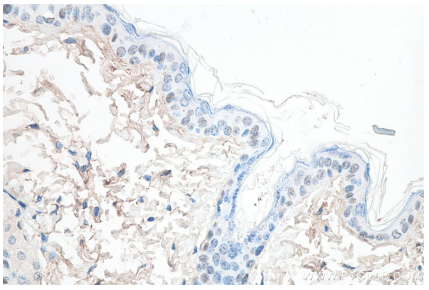
Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using 60332-2-Ig (TP63 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60332-2-PBS in a different storage buffer formulation.



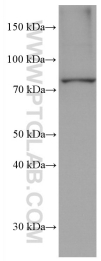
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60332-2-Ig (TP63 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60332-2-PBS in a different storage buffer formulation.



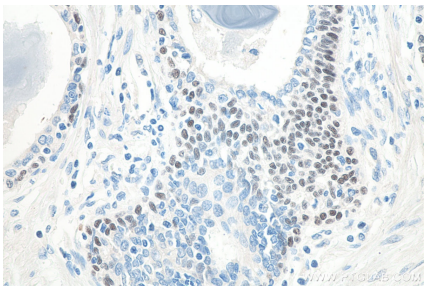
A431 cells were subjected to SDS PAGE followed by western blot with 60332-2-Ig (TP63 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60332-2-PBS in a different storage buffer formulation.



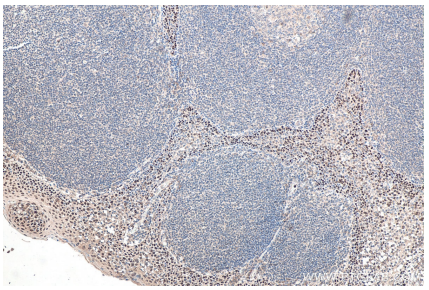
Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 60332-2-Ig (TP63 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60332-2-PBS in a different storage buffer formulation.



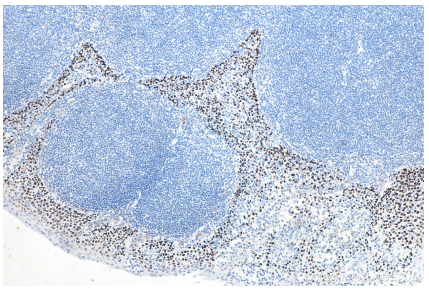
U-937 cells were subjected to SDS PAGE followed by western blot with 60332-2-Ig (TP63 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60332-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 60332-2-Ig (TP63 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60332-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60332-2-Ig (TP63 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60332-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60332-2-Ig (TP63 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60332-2-PBS in a different storage buffer formulation.