

For Research Use Only

# TTL12 Monoclonal antibody

Catalog Number: 68044-1-Ig



## Basic Information

Catalog Number:

68044-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG13804

GenBank Accession Number:

BC001070

GeneID (NCBI):

23170

UNIPROT ID:

Q14166

Full Name:

tubulin tyrosine ligase-like family,  
member 12

Calculated MW:

644 aa, 74 kDa

Observed MW:

72-74 kDa

Purification Method:

Protein G purification

CloneNo.:

1H5C11

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:1000-1:4000

## Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

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 : SKOV-3 cells, LNCap cells, PC-3 cells, A431 cells,  
HeLa cells, HepG2 cells, Jurkat cells

IHC : human lung cancer tissue, human ovary tumor  
tissue

## Background Information

### Storage

Storage:

Store at -20°C.

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:

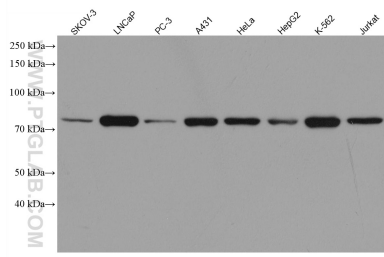
T: 4006900926

E: Proteintech-CN@ptglab.com

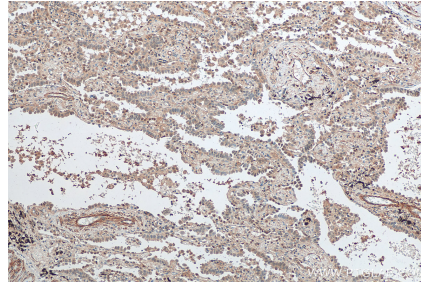
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68044-1-Ig (TLL12 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 68044-1-Ig (TLL12 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).