

For Research Use Only

# TFIP11 Monoclonal antibody

Catalog Number: 66114-1-Ig



## Basic Information

<b>Catalog Number:</b> 66114-1-Ig	<b>GenBank Accession Number:</b> BC033080	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 953 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 24144	<b>CloneNo.:</b> 1A1C8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UBB9	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:250-1:1000 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG2b	<b>Full Name:</b> tuftelin interacting protein 11	
<b>Immunogen Catalog Number:</b> AG5821	<b>Calculated MW:</b> 97 kDa	
	<b>Observed MW:</b> 97 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, 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 :** HeLa cells, LNCaP cells, human testis tissue, human brain tissue, MCF-7 cells, HepG2 cells, Jurkat cells, K-562 cells, HEK-293 cells

**IHC :** human breast cancer tissue, human prostate cancer tissue, human liver cancer tissue

**IF/ICC :** HeLa cells,

## Background Information

TFIP11, also named as Tuftelin-interacting protein 11 or Septin and tuftelin-interacting protein 1, is a 837 amino acid protein, which contains one G-patch domain and belongs to the TFP11/STIP family. TFIP11 may localizes in the nucleus and cytoplasm. TFIP11 is involved in pre-mRNA splicing, specifically in spliceosome disassembly during late-stage splicing events. TFIP11 may play a role in the differentiation of ameloblasts and odontoblasts or in the forming of the enamel extracellular matrix.

## 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**

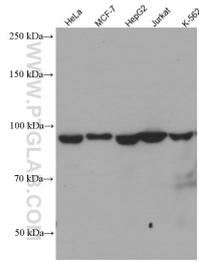
For technical support and original validation data for this product please contact:

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

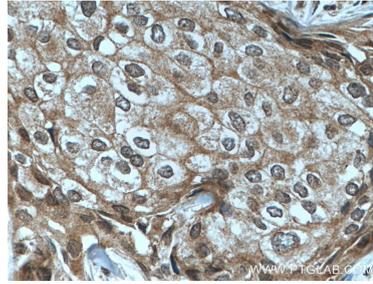
E: proteintech@ptglab.com  
W: ptglab.com

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

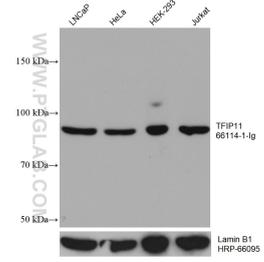
## Selected Validation Data



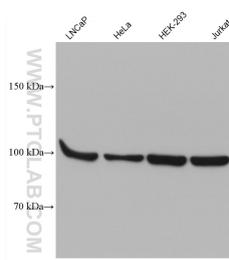
Various lysates were subjected to SDS PAGE followed by western blot with 66114-1-Ig (TFIP11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



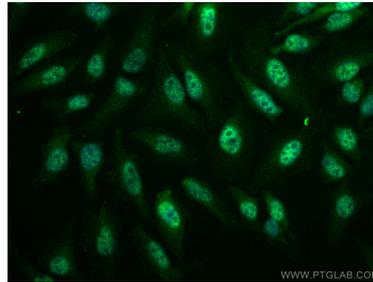
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66114-1-Ig (TFIP11 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Various lysates were subjected to SDS PAGE followed by western blot with 66114-1-Ig (TFIP11 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.



Various lysates were subjected to SDS PAGE followed by western blot with 66114-1-Ig (TFIP11 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TFIP11 antibody (66114-1-Ig, Clone: 1A1C8) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).