

For Research Use Only

# FUT3 Monoclonal antibody

Catalog Number: 67344-1-Ig



## Basic Information

<b>Catalog Number:</b> 67344-1-Ig	<b>GenBank Accession Number:</b> BC108675	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1700 µg/ml	<b>GeneID (NCBI):</b> 2525	<b>CloneNo.:</b> 2A6G7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P21217	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:250-1:1000 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransferase, Lewis blood group)	
<b>Immunogen Catalog Number:</b> AG12581	<b>Calculated MW:</b> 361 aa, 42 kDa	
	<b>Observed MW:</b> 42-45 kDa	

## Applications

### Tested Applications:

IF-P, 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** : human placenta tissue, NCCIT cells, JAR cells, HepG2 cells

**IHC** : human prostate hyperplasia tissue,

**IF** : human prostate hyperplasia tissue,

## Background Information

### 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:

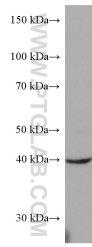
T: 4006900926

E: Proteintech-CN@ptglab.com

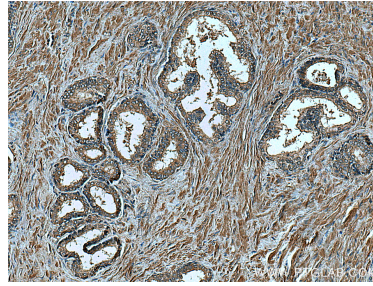
W: ptgcn.com

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

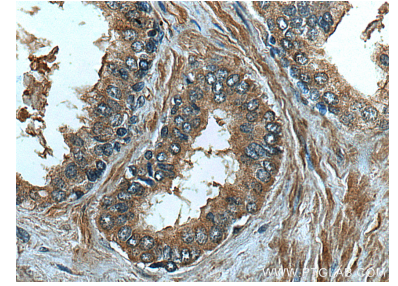
## Selected Validation Data



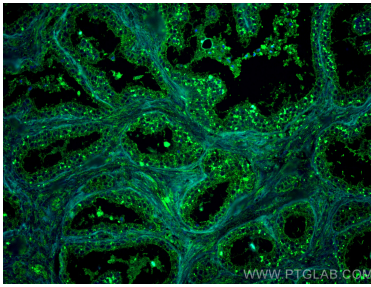
human placenta tissue were subjected to SDS PAGE followed by western blot with 67344-1-Ig (FUT3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



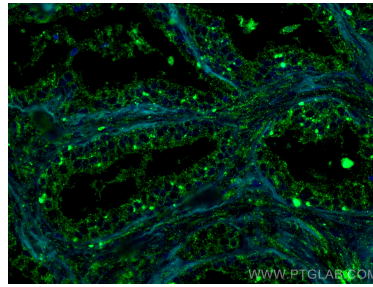
Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 67344-1-Ig (FUT3 antibody) at dilution of 1:500 (under 10x lens)..



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 67344-1-Ig (FUT3 antibody) at dilution of 1:500 (under 40x lens)..



Immunofluorescent analysis of (4% PFA) fixed human prostate hyperplasia tissue using FUT3 antibody (67344-1-Ig, Clone: 2A6G7) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human prostate hyperplasia tissue using FUT3 antibody (67344-1-Ig, Clone: 2A6G7) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).