

For Research Use Only

# FUT3 Monoclonal antibody

Catalog Number: 67344-1-Ig



## Basic Information

|                                      |   |   |
|--------------------------------------|---|---|
| Catalog Number:<br>67344-1-Ig        | GenBank Accession Number:<br>BC108675   | Purification Method:<br>Protein G purification                                      |
| Size:<br>1700 ug/ml                  | GeneID (NCBI):<br>2525  | CloneNo.:<br>2A6G7  |
| Source:<br>Mouse                     | UNIPROT ID:<br>P21217   | Recommended Dilutions:<br>WB 1:2000-1:10000<br>IHC 1:500-1:2000<br>IF-P 1:200-1:800 |
| Isotype:<br>IgG1                     | Full Name:<br>fucosyltransferase 3 (galactoside<br>3(4)-L-fucosyltransferase, Lewis blood<br>group) |   |
| Immunogen Catalog Number:<br>AG12581 | Calculated MW:<br>361 aa, 42 kDa<br>Observed MW:<br>42-45 kDa                                       |   |

## Applications

|  |   |
|--|---|
| Tested Applications:<br>WB, IHC, IF-P, ELISA   | Positive Controls:  |
| Species Specificity:<br>human  | WB : human placenta tissue, NCCIT cells, JAR cells,<br>HepG2 cells    |
| <b>Note-IHC: suggested antigen retrieval with<br/>TE buffer pH 9.0; (*) Alternatively, antigen<br/>retrieval may be performed with citrate<br/>buffer pH 6.0</b> | IHC : human colon cancer tissue, human prostate<br>hyperplasia tissue |
|  | IF-P : 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:

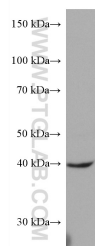
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

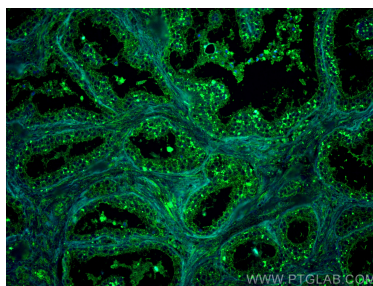
W: [ptgcn.com](http://ptgcn.com)

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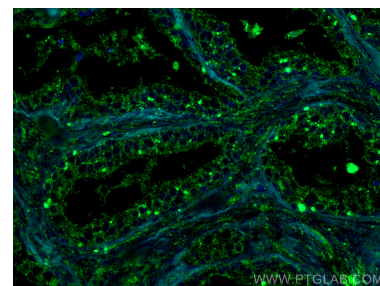
## Selected Validation Data



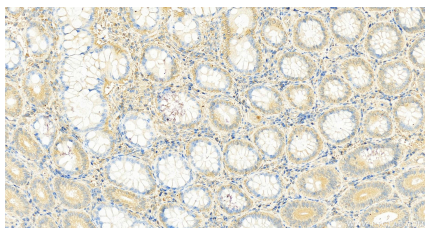
human placenta tissue were subjected to SDS PAGE followed by western blot with 67344-1-Ig (FUT3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).



Immunohistochemical analysis of paraffin-embedded colon cancer slide using 67344-1-Ig (FUT3 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).