

For Research Use Only

FUT8 Monoclonal antibody, PBS Only



Catalog Number: 66118-1-PBS

Featured Product

Basic Information

Catalog Number:

66118-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG18769

GenBank Accession Number:

BC025385

GeneID (NCBI):

2530

UNIPROT ID:

Q9BYC5

Full Name:

fucosyltransferase 8 (alpha (1,6)

fucosyltransferase)

Calculated MW:

66 kDa

Observed MW:

66 kDa

Purification Method:

Protein A purification

CloneNo.:

2F7H2

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

Fucosyltransferase 8 (FUT8) is GDP-fucose-glycoprotein fucosyltransferase and is localized in Golgi apparatus. FUT8 is involved in protein glycosylation by catalyzing the addition of fucose in alpha 1-6 linkage to the first GlcNAc residue, next to the peptide chains in N-glycans. FUT8 may be involved in human aging by regulating protein N-glycosylation and in the molecular pathogenesis of human pulmonary emphysema (PE).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

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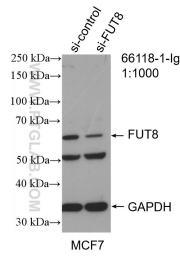
W: ptgcn.com

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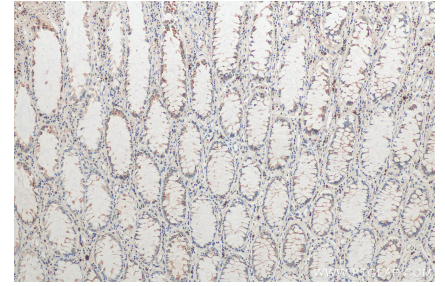
Selected Validation Data



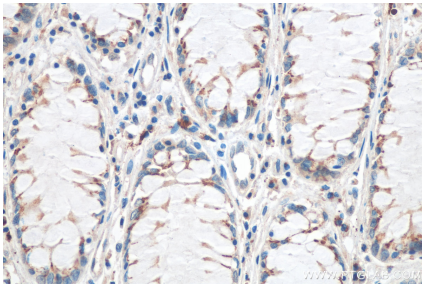
MDA-MB-231 cells were subjected to SDS PAGE followed by western blot with 66118-1-Ig (FUT8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66118-1-PBS in a different storage buffer formulation.



WB result of FUT8 antibody (66118-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FUT8 transfected MCF-7 cells. This data was developed using the same antibody clone with 66118-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66118-1-Ig (FUT8 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66118-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66118-1-Ig (FUT8 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66118-1-PBS in a different storage buffer formulation.