

For Research Use Only

# CoraLite® Plus 488-conjugated FUT9 Monoclonal antibody



Catalog Number: **CL488-60230**

Featured Product

## Basic Information

Catalog Number:

CL488-60230

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG8298

GenBank Accession Number:

BC036101

GeneID (NCBI):

10690

UNIPROT ID:

Q9Y231

Full Name:

fucosyltransferase 9 (alpha (1,3)  
fucosyltransferase)

Calculated MW:

359 aa, 42 kDa

Observed MW:

44-46 kDa

Purification Method:

Protein A purification

CloneNo.:

5D4G6

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, pig, mouse, rat

Positive Controls:

IF/ICC : MCF-7 cells,

## Background Information

FUT9 is the main enzyme responsible for the synthesis of Lewis X (Lex) and catalyzes the last step in the biosynthesis of Lewis X antigen by addition of a fucose residue to precursor glycan structures. FUT9 is expressed in stomach, kidney, brain, and in leukocytes.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

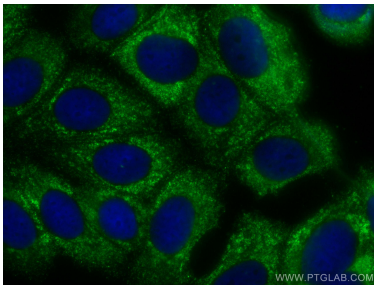
T: 4006900926

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

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

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

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® Plus 488 FUT9 antibody (CL488-60230, Clone: 5D4G6 ) at dilution of 1:200.