

For Research Use Only

# CoraLite® Plus 488-conjugated B3GAT1 Monoclonal antibody

Catalog Number: CL488-66711



## Basic Information

Catalog Number:

CL488-66711

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG13593

GenBank Accession Number:

BC010466

GeneID (NCBI):

27087

UNIPROT ID:

Q9P2W7

Full Name:

beta-1,3-glucuronyltransferase 1  
(glucuronosyltransferase P)

Calculated MW:

38 kDa

Observed MW:

38 kDa, 100 kDa

Purification Method:

Protein A purification

CloneNo.:

1F4A11

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

## Background Information

B3GAT1 is an enzyme encoded by the B3GAT1 gene, whose enzymatic activity generates the CD57 epitope on other cell surface proteins. In immunology, the CD57 antigen (CD stands for cluster of differentiation) is also known as HNK1 (human natural killer-1) or LEU7. B3GAT1 is associated with glycosaminoglycan biosynthesis. It plays a key role in neurodevelopment.

## 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:

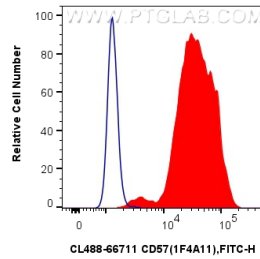
T: 4006900926

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



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.4 µg CoraLite® Plus 488 Anti-Human CD57 (CL488-66711, Clone:1F4A11) (red), or 0.4 µg CoraLite® Plus 488 Mouse IgG2a Isotype Control (C1.18.4) (CL488-65208, Clone: C1.18.4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).