

For Research Use Only

# CoraLite® Plus 488-conjugated CD300a Recombinant antibody

Catalog Number: CL488-84674-4



## Basic Information

Catalog Number:

CL488-84674-4

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2652

GenBank Accession Number:

NM\_007261.4

GeneID (NCBI):

11314

UNIPROT ID:

Q9UGN4-1

Full Name:

CD300a molecule

Calculated MW:

33 kDa

Observed MW:

40-70 kDa

Purification Method:

Protein A purification

CloneNo.:

242131H5

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : THP-1 cells,

## Background Information

Human CD300a is a transmembrane protein, with an immunoglobulin (Ig)V-like extracellular domain and a cytoplasmic tail containing immunoreceptor tyrosine-based inhibitory motifs (ITIMs), providing the receptor with an inhibitory capacity. The relevance of the CD300a molecule in several pathological conditions has been highlighted by multiple studies. (PMID: 37762055)

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

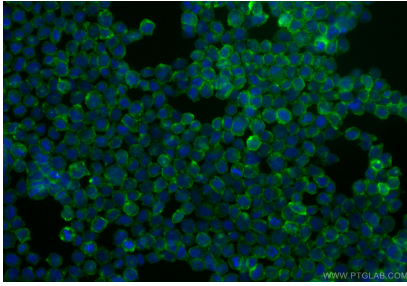
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CoraLite® Plus 488 CD300a antibody (CL488-84674-4, Clone: 242131H5 ) at dilution of 1:200.