

For Research Use Only

# CoraLite® Plus 488-conjugated NLRC5 Recombinant monoclonal antibody

Catalog Number: CL488-83384-2



## Basic Information

Catalog Number:

CL488-83384-2

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34508

GenBank Accession Number:

BC063566

GeneID (NCBI):

84166

UNIPROT ID:

Q86WI3

Full Name:

NLR family, CARD domain containing  
5

Calculated MW:

204 kDa

Purification Method:

Protein A purification

CloneNo.:

240338D8

Recommended Dilutions:

IF/ICC: 1:50-1:500

FC (Intra): 0.4 ug per 10<sup>6</sup> cells in a  
100 µl suspension

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : THP-1 cells,

FC (Intra) : THP-1 cells,

## Background Information

The nucleotide-binding domain leucine-rich repeat containing (NLR) family of proteins is mainly involved in microbial pathogen recognition, inflammatory responses, and cell death. NLRC5, the largest member of the NLR family, is currently receiving an increasing level of attention. NLRC5 plays a role in cytokine response and antiviral immunity through its inhibition of NF-kappa-B activation and negative regulation of type I interferon signaling pathways.

## 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:

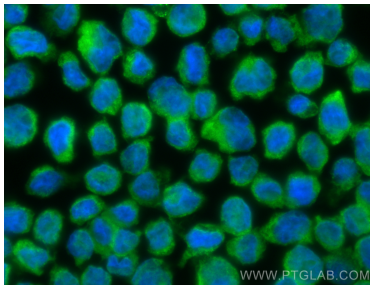
T: 4006900926

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

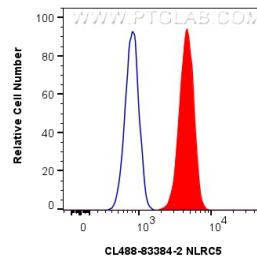
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CoraLite® Plus 488 NLRC5 antibody (CL488-83384-2, Clone: 240338D8 ) at dilution of 1:200.



1x10<sup>6</sup> THP-1 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated NLRC5 Recombinant monoclonal antibody (CL488-83384-2, Clone:240338D8)(red), or 0.4 ug CoraLite® Plus 488 Rabbit IgG Isotype Control RecAb (CL488-98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).