

For Research Use Only

CoraLite® Plus 488-conjugated RALY Monoclonal antibody

Catalog Number: CL488-68011



Basic Information

Catalog Number:

CL488-68011

Concentration:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG12250

GenBank Accession Number:

BC103753

GeneID (NCBI):

22913

UNIPROT ID:

Q9UKM9

Full Name:

RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse))

Calculated MW:

307 aa, 33 kDa

Observed MW:

37 kDa

Purification Method:

Protein G purification

CloneNo.:

2B10C3

Recommended Dilutions:

IF/ICC: 1:300-1:1200

FC (Intra): 0.40 µg per 10⁶ 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 : A431 cells,

FC (Intra) : A431 cells,

Background Information

RNA-binding protein RALY is a protein that in humans is encoded by the RALY gene. In infectious mononucleosis, anti-EBNA-1 antibodies are produced which cross-react with multiple normal human proteins. The cross-reactivity is due to anti-gly/ala antibodies that cross-react with host proteins containing configurations like those in the EBNA-1 repeat. One such antigen is RALY which is a member of the heterogeneous nuclear ribonucleoprotein gene family.

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:

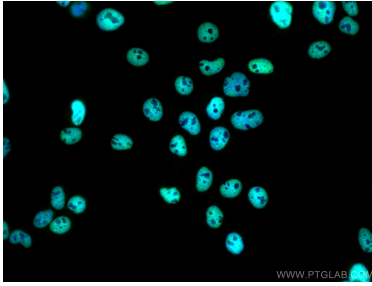
T: 4006900926

E: Proteintech-CN@ptglab.com

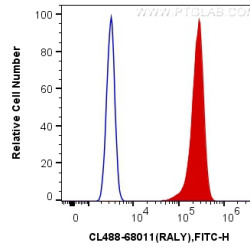
W: ptgcn.com

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

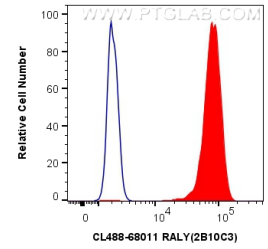
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 RALY antibody (CL488-68011, Clone: 2B10C3) at dilution of 1:600.



1X10⁶ A431 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human RALY (CL488-68011, Clone:2B10C3) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



1X10⁶ A431 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human RALY (CL488-68011, Clone:2B10C3) (red), or 0.4 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).