

For Research Use Only

# CoraLite® Plus 488-conjugated GFP tag Recombinant monoclonal antibody

Catalog Number:CL488-81835-2



## Basic Information

Catalog Number:

CL488-81835-2

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2128

GenBank Accession Number:

M62653

GeneID (NCBI):

UNIPROT ID:

P42212

Full Name:

Calculated MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

241614B3

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

aequorea victoria, recombinant protein

Positive Controls:

IF/ICC : Transfected HEK-293 cells,

## Background Information

Green Fluorescent Proteins (GFPs) encompass a diverse range of proteins carrying a green chromophore, originating from various species and forming different protein lineages. Wildtype GFP consists of 238 amino acid residues (26.9 kDa). GFP was first identified in the jellyfish *Aequorea victoria*. It emits green light with a peak wavelength of 509 nm upon excitation by blue light at 395 nm. When fused with other proteins, GFP serves as a versatile reporter protein e.g. for quantifying expression levels or facilitates visualization of subcellular localization through fluorescence microscopy. This antibody is generated against the full-length eGFP protein. It exhibits reactivity towards variants of *Aequorea victoria* GFP, including S65T-GFP, RS-GFP, YFP, CFP, and eGFP.

## 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:

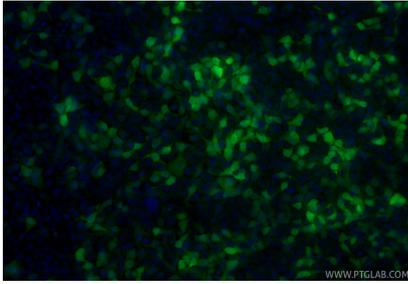
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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 Ethanol) fixed Transfected HEK-293 cells using CoraLite® Plus 488 GFP tag antibody (CL488-81835-2, Clone: 241614B3 ) at dilution of 1:200.