

For Research Use Only

CoraLite® Plus 647-conjugated GPR35 Polyclonal antibody



Catalog Number:CL647-55248

Basic Information

Catalog Number:

CL647-55248

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005301

GeneID (NCBI):

2859

UNIPROT ID:

Q9HC97

Full Name:

G protein-coupled receptor 35

Calculated MW:

34 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima
wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Background Information

GPR35, also named as KYNA receptor, belongs to the G-protein coupled receptor 1 family. GPR35 acts as a receptor for kynurenic acid, an intermediate in the tryptophan metabolic pathway. The activity of GPR35 is mediated by G-proteins that elicit calcium mobilization and inositol phosphate production through G(qi/o) proteins (PMID:16754668). This antibody is specific to GPR35.

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:

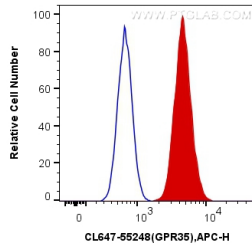
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ A549 cells were intracellularly stained with 0.4 ug CoraLite® Plus 647 Anti-Human GPR35 (CL647-55248) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).