

For Research Use Only

CoraLite® Plus 647-conjugated GPR35 Polyclonal antibody



Catalog Number: CL647-55248

Basic Information

Catalog Number: CL647-55248	GenBank Accession Number: NM_005301	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2859	Excitation/Emission maxima wavelengths: 650 nm / 665 nm
Source: Rabbit	Full Name: G protein-coupled receptor 35	
Isotype: IgG	Calculated MW: 34 kDa	

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.

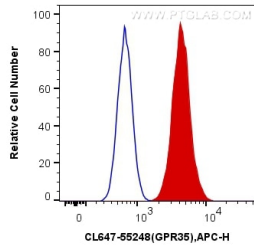
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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).