

For Research Use Only

FITC-conjugated GPR65 Polyclonal antibody

Catalog Number: FITC-20306



Basic Information

Catalog Number:

FITC-20306

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14139

GenBank Accession Number:

BC035633

GeneID (NCBI):

8477

UNIPROT ID:

Q8IYL9

Full Name:

G protein-coupled receptor 65

Calculated MW:

337 aa, 39 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

FC (Intra): 0.8 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

498 nm / 526 nm

Applications

Tested Applications:

ELISA

Species Specificity:

human

Positive Controls:

FC (Intra) : RAW 264.7 cells,

Background Information

GPR65 (G protein-coupled receptor 65) was defined originally as T-cell death-associated gene 8 (TDAG8), functions as a proton-sensing receptor, and is also sensitive to psychosine (PMID: 35343079). GPR65 promotes adaptation to an acidic environment to enhance cell survival and proliferation, thereby promoting tumor development (PMID: 36852075).

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:

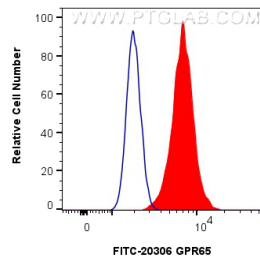
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Selected Validation Data



1×10^6 RAW 264.7 cells were intracellularly stained with 0.8 μ g FITC-conjugated GPR65 Polyclonal antibody (FITC-20306)(red), or 0.8 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).