

For Research Use Only

# FITC-conjugated GPR65 Polyclonal antibody

Catalog Number: FITC-20306



## Basic Information

<b>Catalog Number:</b> FITC-20306	<b>GenBank Accession Number:</b> BC035633	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8477	<b>Recommended Dilutions:</b> FC (Intra): 0.8 ug per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IYL9	<b>Excitation/Emission maxima wavelengths:</b> 498 nm / 526 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> G protein-coupled receptor 65	
<b>Immunogen Catalog Number:</b> AG14139	<b>Calculated MW:</b> 337 aa, 39 kDa	

## Applications

<b>Tested Applications:</b> ELISA	<b>Positive Controls:</b> FC (Intra) : RAW 264.7 cells,
<b>Species Specificity:</b> human	

## 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).

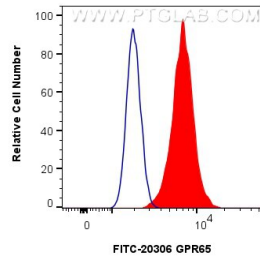
## Storage

**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



1x10<sup>6</sup> RAW 264.7 cells were intracellularly stained with 0.8 ug FITC-conjugated GPR65 Polyclonal antibody (FITC-20306)(red), or 0.8 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).