

For Research Use Only

GPR65 Polyclonal antibody, PBS Only

Catalog Number:20306-1-PBS



Basic Information

Catalog Number: 20306-1-PBS	GenBank Accession Number: BC035633	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 8477	
Isotype: IgG	UNIPROT ID: Q8IYL9	
Immunogen Catalog Number: AG14139	Full Name: G protein-coupled receptor 65	
	Calculated MW: 337 aa, 39 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

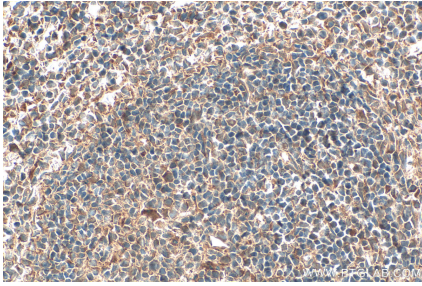
T: 4006900926

E: Proteintech-CN@ptglab.com

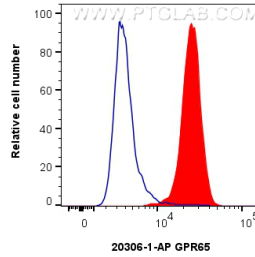
W: ptgcn.com

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

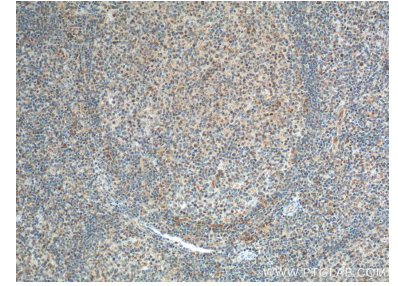
Selected Validation Data



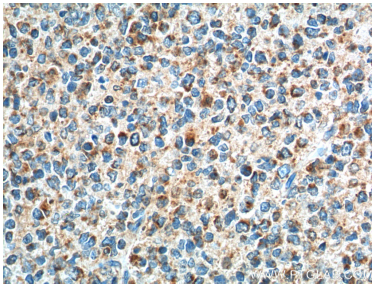
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 20306-1-AP (GPR65 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20306-1-PBS in a different storage buffer formulation.



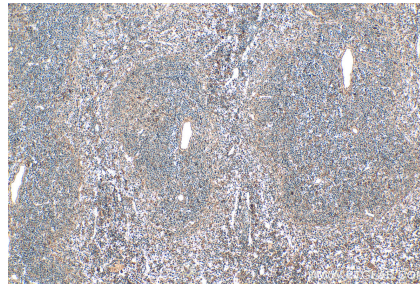
1×10^6 RAW 264.7 cells were intracellularly stained with 0.5 μ g GPR65 Polyclonal antibody (20306-1-AP) and CoraLite[®]488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.5 μ g Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 20306-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 20306-1-AP (GPR65 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20306-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 20306-1-AP (GPR65 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20306-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 20306-1-AP (GPR65 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20306-1-PBS in a different storage buffer formulation.