

For Research Use Only

CoraLite® Plus 405-conjugated IRF5 Polyclonal antibody

Catalog Number: CL405-10547



Basic Information

Catalog Number:

CL405-10547

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0841

GenBank Accession Number:

BC004201

GeneID (NCBI):

3663

UNIPROT ID:

Q13568

Full Name:

interferon regulatory factor 5

Calculated MW:

56 kDa

Observed MW:

56 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

FC (Intra): 0.4 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

399 nm / 422 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : THP-1 cells,

Background Information

IRF5, also named as SLEB10, contains one IRF tryptophan pentad repeat DNA-binding domain and belongs to the IRF family. It is a transcription factor involved in the induction of interferons IFNA and INFB and inflammatory cytokines upon virus infection. It is activated by TLR7 or TLR8 signaling. Genetic variations in IRF5 are associated with susceptibility to inflammatory bowel disease type 14 (IBD14) and systemic lupus erythematosus type 10 (SLEB10). Alternative splice variant encoding different isoforms exist. Catalog#10547-1-AP is a rabbit polyclonal antibody raised against the C-terminal of human IRF5.

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:

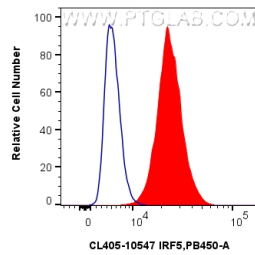
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 THP-1 cells were intracellularly stained with 0.4 μ g CoraLite® Plus 405-conjugated IRF5 Polyclonal antibody (CL405-10547)(red), or 0.4 μ g Isotype Control (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).