For Research Use Only

CoraLite®594 Anti-Mouse IL-17F Rabbit Recombinant Antibody

Catalog Number:CL594-98019

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL594-98019

Size:
100ug, 500 ug/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_145856.2

GeneID (NCBI):
257630

UNIPROT ID:
Q7TNI7-1

Full Name:
interleukin 17F

Calculated MW:
17KD

Purification Method:
Protein A purification

CloneNo.:
230026G6

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Background Information

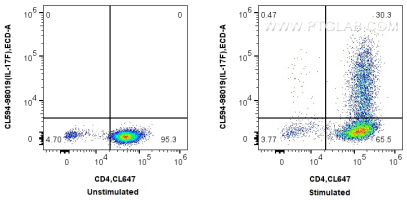
The interleukin 17 (IL-17) family of cytokines contains 6 structurally related cytokines, IL-17A, IL-17B, IL-17C, IL-17D, IL-17E and IL-17F. IL-17 family plays crucial roles in host defense against microbial organisms and in the development of inflammatory diseases. IL-17A is a pro-inflammatory cytokine that also has the capacity to promote angiogenesis and osteoclastogenesis. IL-17F shares the highest homology with IL-17A and signals via a receptor composed by the IL-17RA and IL-17RC subunits. IL-17A and IL-17F can form IL-17A/A or IL-17F/F homodimers, IL-17A/F heterodimers are also formed. IL-17A and IL-17F, produced by the Th17 CD4(+) T cell lineage, have been linked to a variety of inflammatory and autoimmune conditions. IL-17F levels are elevated in sera and lesional psoriatic skin compared to non-lesional tissue. IL-17F also has been implicated in the development of neutrophilic airway inflammation.

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



1x10^6 untreated or PMA, Ionomycin and Brefeldin A treated C57BL/6 Th17-polarized splenocytes were intracellularly stained with 0.25 ug CoraLite®594 Anti-Mouse IL-17F Rabbit Recombinant Antibody (CL594-98019, Clone: 230026G6) and CoraLite® Plus 647 Anti-Mouse CD4. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).