

For Research Use Only

# CoraLite® Plus 750 Anti-Mouse IL-17F Rabbit Recombinant Antibody



Catalog Number: CL750-98019

## Basic Information

<b>Catalog Number:</b> CL750-98019	<b>GenBank Accession Number:</b> NM_145856.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, 500 µg/ml	<b>GeneID (NCBI):</b> 257630	<b>CloneNo.:</b> 230026G6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q7TNI7-1	<b>Excitation/Emission maxima wavelengths:</b> 755 nm / 780 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 17F	
	<b>Calculated MW:</b> 17KD	

## 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.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

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

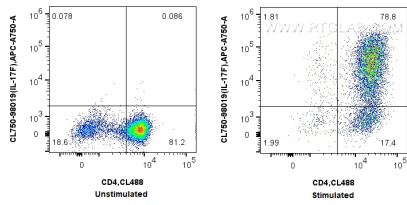
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1x10<sup>6</sup> untreated or PMA, Ionomycin and Brefeldin A treated C57BL/6 Th17-polarized splenocytes were intracellularly stained with 0.25 ug CoraLite® Plus 750 Anti-Mouse IL-17F Rabbit Recombinant Antibody (CL750-98019, Clone: 230026G6) and CoraLite® Plus 488 Anti-Mouse CD4. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).