

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL1857</b>	<b>Clone:</b>	<b>BL168</b>
<b>Applications:</b>	<b>ICFCM</b>		
<b>Reactivity:</b>	<b>Human</b>		

**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** CTLA8; IL17;CTLA-8;IL 17A;

**Uniprot ID:** Q16552

**Background:** IL-17A is the founding member of the IL-17 family, a group of six structurally related pro-inflammatory cytokines. IL-17A, secreted by activated CD4+ Th17 cell subpopulation, elicits multiple biological activities on a variety of cells including: the induction of IL-6, IL-8, G-CSF, and PGE2 production in epithelial, endothelial or fibroblasts; the enhancement of surface expression of ICAM-1 in fibroblasts; activation of NF-κB and costimulation of T cell proliferation. Recent studies demonstrated that, in mice, activated IL-17-secreting CD4+ helper T cells (Th17 cells) mediate an autoimmune arthritis that clinically and immunologically resembles rheumatoid arthritis (RA). Human IL-17A shows 63%, 63%, and 72% amino acid sequence identity to rat IL-17A, mouse IL-17A, and a protein encoded by the ORF13 gene of herpesvirus Saimiri (HVS), respectively.

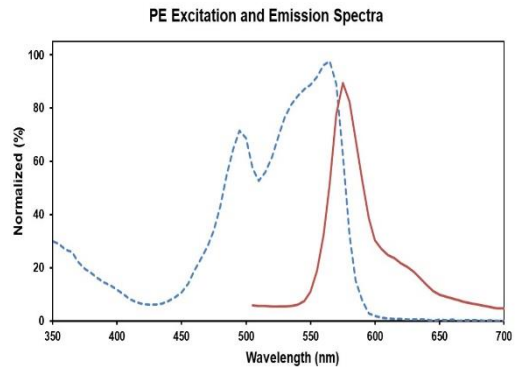
**Form:** Liquid

**Conjugation:** PE

**Size:** 20 Tests, 100 Tests, 200 Tests

**Host Species:** Mouse

**Isotype:** Mouse IgG1, κ



Ex:495;565 nm; Em:575 nm

**Isotype Control:** PE Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL1857]

**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Shipping:** Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

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