



Product Datasheet

Biotin Anti-Mouse IL-17A Antibody [TC11-18H10.1]

Catalogue Code: AGEL3068

Antibody Data

Product SKU:	AGEL3068	Clone:	TC11-18H10.1
Applications:	ICFCM		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Interleukin-17A;IL-17;IL-17A;Cytotoxic T-lymphocyte-associated antigen 8;CTLA-8;CTLA8;
Uniprot ID:	Q62386
Background:	IL-17, also known as CTLA-8, is a T cell-expressed pleiotropic cytokine that exhibits a high degree of homology to a protein encoded by the ORF13 gene of herpes virus Saimiri. IL-17 is produced by Th cells (Th17) that are distinct from the traditional Th1- and Th2-cell subsets. IL-23 plays an important role in triggering IL-17 production. Both recombinant and natural IL-17 have been shown to exist as disulfide linked homodimers. IL-17 exhibits multiple biological activities on a variety of cells including: the induction of IL-6 and IL-8 production in fibroblasts, activation of NF- κ B, and costimulation of T cell proliferation. IL-17 is an essential inflammatory mediator in the development of autoimmune diseases. Neutralization of IL-17 with monoclonal antibody is able to ameliorate the disease course.
Form:	Liquid
Conjugation:	Biotin
Size:	25 μ g, 100 μ g
Host Species:	Rat
Isotype:	Rat IgG1, κ
Isotype Control:	Biotin Rat IgG1, κ Isotype Control[HRPN] [Product AGEL3068]
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. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
