



# IL-17A Antibody [17B7] (FITC)

Cat. No.: 77-006



## Ψ Specifications

<b>HOST SPECIES:</b>	Rat
<b>SPECIES REACTIVITY:</b>	Mouse, Rat
<b>TESTED APPLICATIONS:</b>	Flow
<b>SPECIFICITY:</b>	The 17B7 monoclonal antibody specifically binds to mouse and rat IL-17A, a pro-inflammatory cytokine.

## Ψ Properties

<b>PURIFICATION:</b>	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.
<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	Rat IgG2a, kappa
<b>CONJUGATE:</b>	FITC
<b>PHYSICAL STATE:</b>	liquid
<b>BUFFER:</b>	Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.
<b>CONCENTRATION:</b>	batch dependent

**STORAGE CONDITIONS:**

The product should be stored undiluted at 4 °C and should be protected from prolonged exposure to light. Do not freeze.

## Ψ Additional Info

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<b>OFFICIAL SYMBOL:</b>	Il17a
<b>ALTERNATE NAMES:</b>	Il17, Ctla8, IL-17, Ctla-8, IL-17A, Il17a
<b>GENE ID:</b>	16171; 301289
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

## Ψ Background and References

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<b>BACKGROUND:</b>	<p>The 17B7 monoclonal antibody specifically binds to mouse and rat IL-17A, a pro-inflammatory cytokine. It is produced by T helper 17 (Th17) cells, a unique subset of IL-23 dependent CD4+ T cells. Interleukin-17A is highly expressed in transplant rejection, asthma, psoriasis, and multiple sclerosis, and enhances the expression of ICAM-1 in human fibroblasts. The homodimer is expressed by activated peripheral CD4+ T lymphocytes. The Interleukin-17A binds to the IL-17 receptors (IL-17R) expressed by mast cells, monocytes and macrophages, fibroblasts, and endothelial and epithelial cells.</p>
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