

## Basic Information

Product Name	Anti-IL-17/IL17A Antibody
Gene Name	Il17a
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1, $\kappa$
Species Reactivity	mouse
Tested Application	IHC
Contents	200 ug/ml antibody with PBS , 0.02% NaN <sub>3</sub> , 1 mg BSA and 50% glycerol.
Immunogen	Mouse IL-17A cross-linked to OVA
Concentration	200 ug/ml
Purification	protein G purified.
Dilution Ratios	Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

## Storage

12 months from date of receipt, -20°C as supplied.

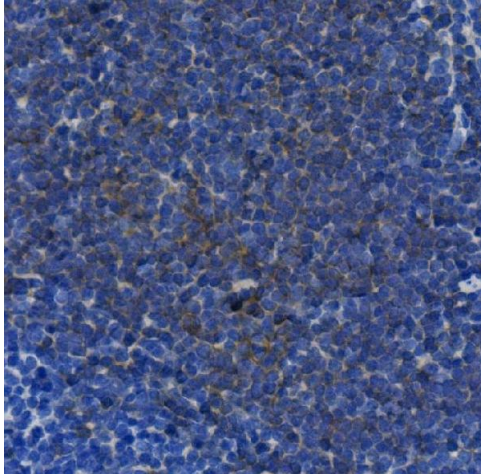
## Background Information

Interleukin-17A is a protein that in humans is encoded by the IL17A gene. The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

## Reference

Anti-IL-17/IL17A Antibody被引用在2文献中。

## Selected Validation Data



IHC analysis of IL17A using anti-IL17A antibody (M00421-2).

IL17A was detected in paraffin-embedded section of mouse spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5µg/ml mouse anti-IL17A Antibody (M00421-2) overnight at 4~C. Biotinylated goat anti-mouse IgG was used as secondary antibody and incubated for 30 minutes at 37~C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) (Catalog # SA1021) with DAB as the chromogen.