

# IL-17A Polyclonal Antibody

Catalog Number:D-AB-10453L



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

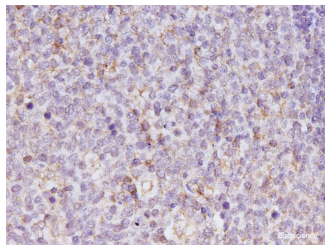
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Rat IL-17A protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide,1% protective protein and 50% glycerol,pH7.4

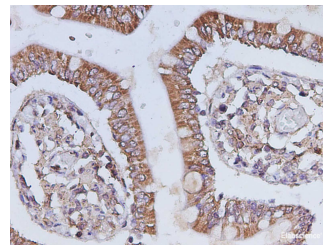
## Applications Recommended Dilution

<b>IHC</b>	1:500-1:1000
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## Data



Immunohistochemistry of paraffinembedded Human tonsil using IL-17A Polyclonal antibody at dilution of 1:1000.



Immunohistochemistry of paraffinembedded Human small intestine using IL-17A Polyclonal antibody at dilution of 1:1000.

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

## Background

IL17A,also named as IL-17,is a proinflammatory cytokine. IL-17,synthesized only by memory T cells and natural killer cells,has pleiotropic effects,mainly in the recruitment and activation of neutrophils. 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. The IL-17 receptor is a type I transmembrane protein,that is widely expressed on epithelial cells,fibroblasts,B and T cells,and monocytic cells. In psoriatic skin lesions,both Th17 cells and their downstream effector molecules,e.g. IL-17 and IL-22,are highly increased.

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