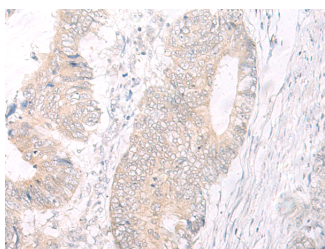


IL17A Polyclonal Antibody

Catalog No.	E-AB-17917	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

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

Images



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using IL17A Polyclonal Antibody at dilution of 1:40(×200)

Immunogen Information

Immunogen	Synthetic peptide of human IL17A
Gene Accession	NP002181
Swissprot	Q16552
Synonyms	CTLA 8,CTLA-8,CTLA8,IL17A,IL-17,IL-17A,IL17,IL17,Il17a

Product Information

Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:30-1:150, ELISA 1:5000-1:10000

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.