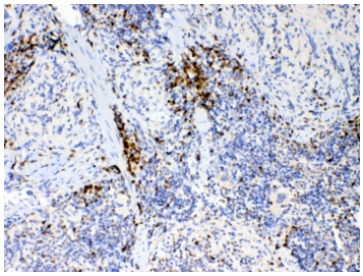
IL17A Antibody (RQ4021)

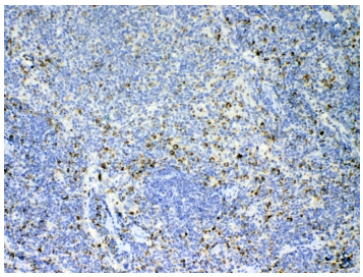
Catalog No.	Formulation	Size
RQ4021	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

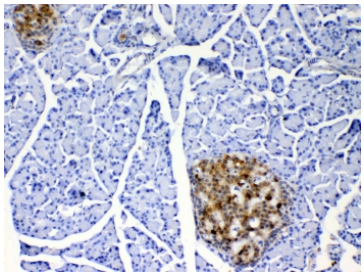
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q62386
Localization	Secreted, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml ELISA (Capture) : 0.1-0.5ug/ml
Limitations	This IL17A antibody is available for research use only.



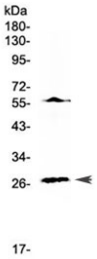
IHC testing of FFPE mouse spleen tissue with IL17A antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE rat spleen tissue with IL17A antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE rat pancreas tissue with IL17A antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Western blot testing of human Jurkat cell lysate with IL17A antibody at 0.5ug/ml. Expected molecular weight: 15-20 kDa (monomer), 30-40 kDa (homodimer), depending on glycosylation level.

Description

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.

Application Notes

Optimal dilution of the IL17A antibody should be determined by the researcher.

Immunogen

A recombinant mouse partial protein corresponding to amino acids A26-A158 was used as the immunogen for the IL17A antibody.

Storage

After reconstitution, the IL17A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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