IL-17E Antibody / IL-25 (RQ4136)

Catalog No.	Formulation	Size
RQ4136	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
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 and 0.025% sodium azide
UniProt	Q9H293
Applications	Western Blot : 0.5-1ug/ml ELISA (Capture) : 0.1-0.5ug/ml
Limitations	This IL-17E antibody is available for research use only.



Western blot testing of 1ng of recombinant human protein with IL-17E antibody at 0.5ug/ml. Predicted molecular weight: ~18 kDa (unmodified), 21-26 kDa (glycosylated).

Description

Interleukin-25 (IL-25), also known as interleukin-17E (IL-17E), is a protein that in humans is encoded by the IL25 gene. The protein encoded by this gene is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the IL-17E antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein corresponding to amino acids Y33-G177 was used as the immunogen for the IL-17E antibody.

Storage

After reconstitution, the IL-17E 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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