abcam

Product datasheet

Human IL-17F Antibody Pair - BSA and Azide free ab241905

Recombinant RabMAb

2 Images

Overview

Product name	Human IL-17F Antibody Pair - BSA and Azide free
Assay type	ELISA set
Range	15.63 pg/ml - 1000 pg/ml
Species reactivity	**Reacts with:** Human
Product overview	The Antibody Pair can be used to quantify Mouse Pro-Collagen I alpha 1. BSA and Azide free antibody pairs include unconjugated capture and detector antibodies suitable for sandwich ELISAs. The antibodies are provided at an approximate concentration of 1 mg/ml as measured by the protein A280 method. The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Both capture and detector antibodies are rabbit monoclonal antibodies delivering consistent, specific, and sensitive results. Please note that the range provided for the pairs is only an estimation based on the performance of the related product using the same antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody pair in your assay.
Tested applications	**Suitable for:** Sandwich ELISA
Platform	Reagents

Properties

Storage instructions	Store at +4°C. Please refer to protocols.
Carrier free	Yes

Components	10 x 96 tests
Human IL-17F Capture Antibody (unconjugated)	1 x 100µg
Human IL-17F Detector Antibody (unconjugated)	1 x 100µg

Function	Ligand for IL17RA and IL17RC (PubMed:17911633). The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC (PubMed:18684971). Involved in stimulating the production of other cytokines such as IL6, IL8 and CSF2, and in regulation of cartilage matrix turnover (PubMed:11591732, PubMed:11591768, PubMed:11574464). Also involved in stimulating the proliferation of peripheral blood mononuclear cells and T-cells and in inhibition of angiogenesis (PubMed:11591732). Plays a role in the induction of neutrophilia in the lungs and in the exacerbation of antigen-induced pulmonary allergic inflammation.
Tissue specificity	Expressed in activated, but not resting, CD4+ T-cells and activated monocytes.
Involvement in disease	Candidiasis, familial, 6
Sequence similarities	Belongs to the IL-17 family.
Cellular localization	Secreted.

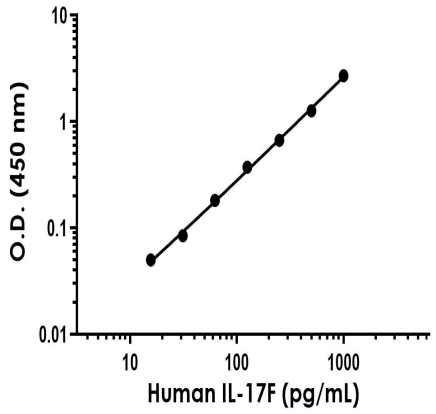
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab241905 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

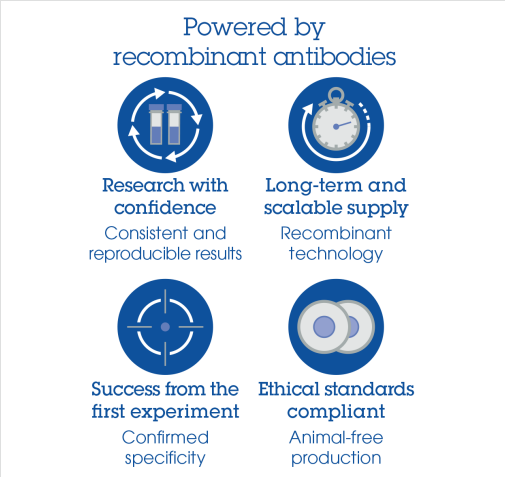
Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent concentration.

Images



Sandwich ELISA - Human IL-17F Antibody Pair - BSA and Azide free (ab241905)

Sandwich ELISA of ab241905 with the capture antibody **ab242656** dilution at 2 µg/mL and detector antibody **ab242901** dilution at 0.5 µg/mL.



Sandwich ELISA - Human IL-17F Antibody Pair - BSA and Azide free (ab241905)

To learn more about the advantages of recombinant antibodies see **here**.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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