abcam

Product datasheet

Anti-IL-10RB/IL-10R2 antibody ab106282

1 References 1 Image

Overview

Product name Anti-IL-10RB/IL-10R2 antibody

Description Rabbit polyclonal to IL-10RB/IL-10R2

Host species Rabbit

Tested applications

Suitable for: IHC-P, WB

Species reactivity

Reacts with: Human

Predicted to work with: Mouse, Rat

Immunogen Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.

Positive control Human fetal heart, liver, kidney and muscle lysates

General notesThe Life Science industry has been in the grips of a reproducibility crisis for a number of years.

Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets

your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be

found below, along with publications, customer reviews and Q&As

Properties

Form Lyophilized:Reconstitute with 200ul distilled H2O. Please note that if you receive this product in

liquid form it has already been reconstituted as described and no further reconstitution is

necessary.

Storage instructions Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

Storage buffer pH: 7.20

Preservative: 0.02% Sodium azide

Constituent: 1% BSA

Purity Immunogen affinity purified

Clonality Polyclonal

Isotype IgG

Applications

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The Abpromise guarantee

Our <u>Abpromise guarantee</u> covers the use of ab106282 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
IHC-P		Use at an assay dependent concentration.
WB		1/1000 - 1/2000. Detects a band of approximately 37 kDa (predicted molecular weight: 37 kDa).

Target

Function

Shared cell surface receptor required for the activation of five class 2 cytokines: IL10, IL22, IL26, IL28, and IL29.

Involvement in disease

Defects in IL10RB are the cause of inflammatory bowel disease type 25 (IBD25) [MIM:612567]. It is a chronic, relapsing inflammation of the gastrointestinal tract with a complex etiology. It is subdivided into Crohn disease and ulcerative colitis phenotypes. Crohn disease may affect any part of the gastrointestinal tract from the mouth to the anus, but most frequently it involves the terminal ileum and colon. Bowel inflammation is transmural and discontinuous; it may contain granulomas or be associated with intestinal or perianal fistulas. In contrast, in ulcerative colitis, the inflammation is continuous and limited to rectal and colonic mucosal layers; fistulas and granulomas are not observed. Both diseases include extraintestinal inflammation of the skin, eyes, or joints.

Sequence similarities

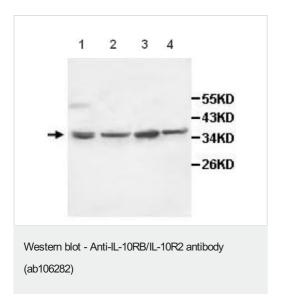
Belongs to the type II cytokine receptor family.

Contains 2 fibronectin type-III domains.

Cellular localization

Membrane.

Images



All lanes : Anti-IL-10RB/IL-10R2 antibody (ab106282) at 1/1000

dilution

Lane 1 : Human fetal heart lysate

Lane 2 : Human fetal liver lysate

Lane 3 : Human fetal muscle lysate

Lane 4: Human fetal kidney lysate

Predicted band size: 37 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

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