


## Product datasheet

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

[1 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Anti-IL-10RB/IL-10R2 antibody
<b>Description</b>	Rabbit polyclonal to IL-10RB/IL-10R2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Human fetal heart, liver, kidney and muscle lysates
<b>General notes</b>	<p>The 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.</p> <p>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&amp;As</p>

### Properties

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<b>Form</b>	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.
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituent: 1% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** 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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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.

## **Terms and conditions**

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors