abcam

Product datasheet

Anti-IL-10 antibody ab34843

★★★★☆ **15 Abreviews**   **84 References**   **2 Images**

Overview

Product name	Anti-IL-10 antibody
Description	Rabbit polyclonal to IL-10
Host species	Rabbit
Tested applications	**Suitable for:** RIA, Neutralising, WB, ELISA
Species reactivity	**Reacts with:** Human, Recombinant fragment
Immunogen	Full length native protein (purified) corresponding to Human IL-10.
General notes	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.
	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

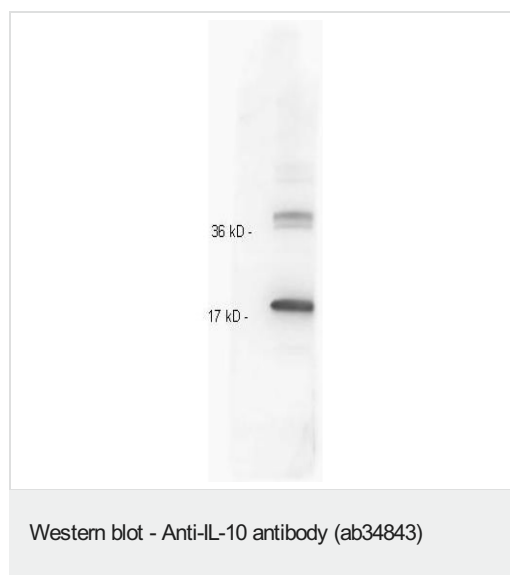|	
Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Sodium azide Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab34843 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
RIA		Use at an assay dependent concentration.
Neutralising		Use at an assay dependent concentration.
WB	★★★☆☆ (2)	1/2000 - 1/10000. Predicted molecular weight: 21 kDa. In Western blot analysis of natural cell products or human body fluids, multiple bands of IL-10 will appear due to the variable amount of glycosylation on the molecule.
ELISA		Use at an assay dependent concentration. (as detection antibody, using a monoclonal antibody for capture).

Target

Function	Inhibits the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells.
Tissue specificity	Produced by a variety of cell lines, including T-cells, macrophages, mast cells and other cell types.
Sequence similarities	Belongs to the IL-10 family.
Cellular localization	Secreted.

Images

Western blot - Anti-IL-10 antibody (ab34843)

Anti-IL-10 antibody (ab34843) at 1/200 dilution + recombinant IL-10 protein

Secondary
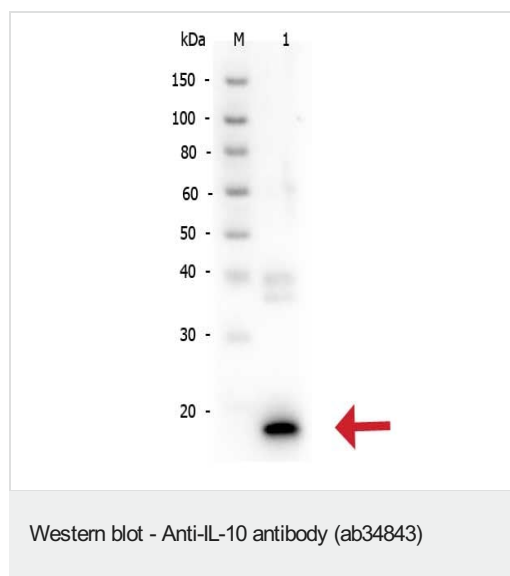Goat anti-rabbit at 1/20000 dilution

Predicted band size: 21 kDa

4-20% reducing gel.

Membrane was blocked in 3% BSA-TBS for 1 hour 4°C.

Dilution buffer: 3% BSA-TBS.

Incubated O/N at 4°C.

Anti-IL-10 antibody (ab34843) at 1/500 dilution + recombinant IL-10 protein, 50ng

Secondary

Peroxidase conjugated secondary at 1/40000 dilution

Predicted band size: 21 kDa

Western blot - Anti-IL-10 antibody (ab34843)

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

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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.

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