abcam

Product datasheet

HRP Anti-IL-28 + IL-29 antibody [EPR14608] ab209048

Recombinant   RabMAb

2 Images

Overview

Product name	HRP Anti-IL-28 + IL-29 antibody [EPR14608]
Description	HRP Rabbit monoclonal [EPR14608] to IL-28 + IL-29
Host species	Rabbit
Conjugation	HRP
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human IL28A full length (Active) protein.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: 1% BSA, 30% Glycerol (glycerin, glycerine), PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14608
Isotype	IgG

Applications

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

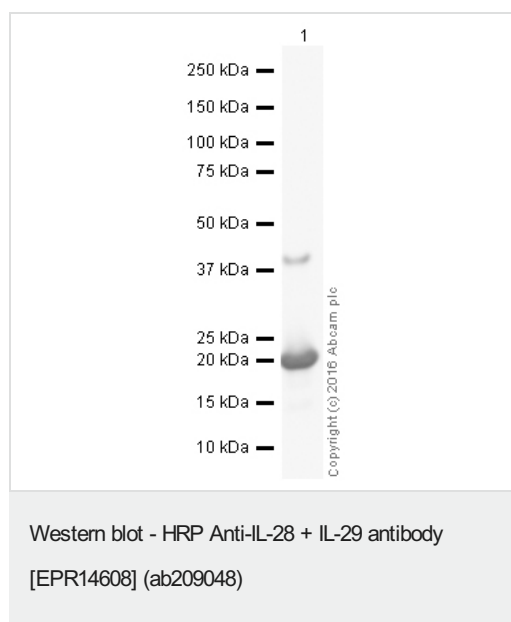| Application	Abreviews	Notes
WB		1/10000. Detects a band of approximately 20 kDa (predicted molecular weight: 22 kDa).

Target

Relevance   IL-29: Cytokine with immunomodulatory activity. May play a role in antiviral immunity. Up-regulates MHC class I antigen expression. Ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1. The ligand/receptor complex seems to signal through the Jak-STAT pathway. Il-28A: Cytokine with immunomodulatory activity. Up-regulates MHC class I antigen expression. Displays potent antiviral activity. Also displays antitumor activity. Ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1. The ligand/receptor complex seems to signal through the Jak-STAT pathway. Seems not to be essential for early virus-activated host defense in vaginal infection, but plays an important role in Toll-like receptor (TLR)-induced antiviral defense. Plays a significant role in the antiviral immune defense in the intestinal epithelium.

Cellular localization   Secreted.

Images

Western blot - HRP Anti-IL-28 + IL-29 antibody [EPR14608] (ab209048)

HRP Anti-IL-28 + IL-29 antibody [EPR14608] (ab209048) at 1/10000 dilution + Recombinant human IL-28A protein (**ab50037**) at 0.1 µg

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 22 kDa
Observed band size: 20 kDa

Exposure time: 10 seconds

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes.

The membrane was then blocked for an hour using 3% milk before being incubated with ab209048 overnight at 4°C. Antibody binding was visualised using ECL development solution **ab133406**.

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

HRP Anti-IL-28 + IL-29 antibody [EPR14608] (ab209048)

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

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