

Product datasheet

Anti-IL-17A antibody [EPR21776] ab218013

Recombinant

RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Anti-IL-17A antibody [EPR21776]
Description	Rabbit monoclonal [EPR21776] to IL-17A
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: EL4 cells treated with PMA, ionomycin (ab120116) and Brefeldin A, whole cell lysate.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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 long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR21776
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab218013 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
WB		1/1000. Detects a band of approximately 14,17 kDa (predicted molecular weight: 17 kDa).

Target

Function

Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of the intracellular adhesion molecule-1 (ICAM-1) in fibroblasts.

Tissue specificity

Restricted to activated memory T-cells.

Sequence similarities

Belongs to the IL-17 family.

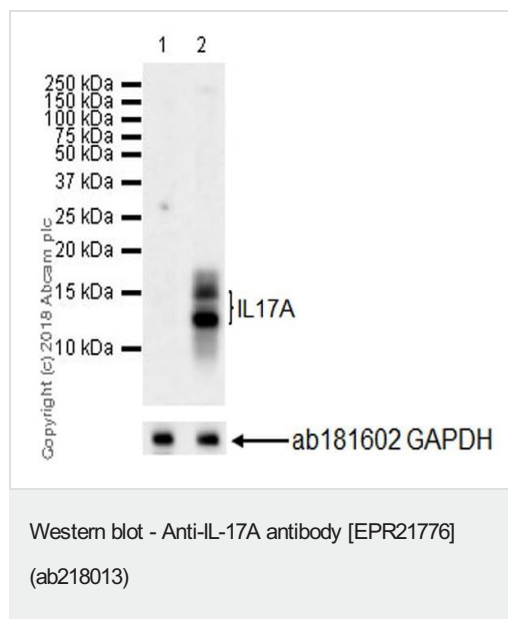
Post-translational modifications

Found both in glycosylated and nonglycosylated forms.

Cellular localization

Secreted.

Images



All lanes : Anti-IL-17A antibody [EPR21776] (ab218013) at 1/1000 dilution

Lane 1 : Untreated EL4 (mouse lymphoma T lymphocyte) whole cell lysate

Lane 2 : EL4 treated with 50 ng/ml Phorbol-12-myristate-13-acetate (PMA) and 500 ng/ml ionomycin (**ab120116**) for 6 hours, then with 500 ng/ml Brefeldin A for 18 hours, whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Developed using the ECL technique.

Predicted band size: 17 kDa

Observed band size: 14,17 kDa


Exposure time: 3 minutes

Blocking/dilution buffer and concentration: 5% NFDM/TBST

Expression of IL-17A can be induced by PMA and Ionomycin treatment (PMID 28382171).

The expression profile is consistent with the literature (PMID 9764847).

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

Anti-IL-17A antibody [EPR21776] (ab218013)

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

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