**Product datasheet**

**Anti-IL-17 antibody ab79056**

★★★★☆ 13 Abreviews 54 References 7 Images

### Overview

- **Product name**: Anti-IL-17 antibody
- **Description**: Rabbit polyclonal to IL-17
- **Host species**: Rabbit
- **Tested applications**: Suitable for: ICC/IF, IHC-P, WB, ELISA, IHC-Fr
- **Species reactivity**: Reacts with: Mouse, Dog, Human
- **Immunogen**: Synthetic peptide corresponding to Human IL-17 (internal sequence). ab79056 was raised against a 19 amino acid synthetic peptide from near the center of human IL-17A. Database link: Q16552 (Peptide available as ab190733)

**Positive control**

Purchase matching WB positive control: Recombinant Human IL-17 protein

WB: A-20 cell lysate; Human thymus tissue lysate. IHC-P: Human tonsil tissue; Dog lymph node tissue.

**General notes**

The blocking peptide is available as ab190773

### 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. Stable for 12 months at -20°C.
- **Storage buffer**: Preservative: 0.02% Sodium azide
  Constituent: 99.98% PBS
- **Purity**: Immunogen affinity purified
- **Clonality**: Polyclonal
- **Isotype**: IgG

### Applications

Our Abpromise guarantee covers the use of ab79056 in the following tested applications.
Ligand for IL17RA and IL17RC (PubMed:17911633). The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC (PubMed:18684971). Involved in inducing stromal cells to produce proinflammatory and hematopoietic cytokines (PubMed:8676080).

**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.

**Application**

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICC/IF</td>
<td>4</td>
<td>Use at an assay dependent concentration.</td>
</tr>
<tr>
<td>IHC-P</td>
<td>4</td>
<td>Use at an assay dependent concentration.</td>
</tr>
<tr>
<td>WB</td>
<td>4</td>
<td>Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 18 kDa (predicted molecular weight: 18 kDa).</td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
</tr>
<tr>
<td>IHC-Fr</td>
<td>4</td>
<td>Use at an assay dependent concentration.</td>
</tr>
</tbody>
</table>

**Target**

**Function**
Ligand for IL17RA and IL17RC (PubMed:17911633). The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC (PubMed:18684971). Involved in inducing stromal cells to produce proinflammatory and hematopoietic cytokines (PubMed:8676080).

**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**

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of mouse thymus tissue staining IL-17 with ab79056 at 20µg/ml
Paraffin-embedded human tonsil tissue stained for IL-17 using ab79056 at 5 µg/ml in immunohistochemical analysis.

Paraffin embedded mouse colon tissue staining IL-17 using ab79056 at 2µg/ml by Immunohistochemistry.

Anti-IL-17 antibody (ab79056) at 1 µg/ml + Recombinant human IL-17 at 0.001 µg

Predicted band size: 18 kDa
ab79056 staining IL-17 in Dog lymph node tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde, permeabilized with Tween-20 (0.05%) and blocked with 10% serum for 2 hours at 24°C; antigen retrieval was by heat mediation with citrate buffer (0.01M). Samples were incubated with primary antibody (1/100 in PBS +10% serum) for 14 hours at 4°C. A Biotin-conjugated Horse pan-specific anti-IgG polyclonal (1/20) was used as the secondary antibody.

Lane 1: Anti-IL-17 antibody (ab79056) at 0.5 µg/ml
Lane 2: Anti-IL-17 antibody (ab79056) at 1 µg/ml

All lanes: A-20 cell lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 18 kDa
Observed band size: 18 kDa
Additional bands at: 22 kDa, 28 kDa, 32 kDa. We are unsure as to the identity of these extra bands.

The higher molecular weight bands seen in the Western blot may represent glycosylated IL-17.

All lanes: Anti-IL-17 antibody (ab79056)

Lane 1: human thymus tissue lysate at 1 µg/ml
Lane 2: human thymus tissue lysate at 2 µg/ml

Predicted band size: 18 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

- 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

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