

### Anti-IL-17A antibody ab79056

★★★★☆ [14 Abreviews](#) [142 References](#) [画像数 8](#)

#### 製品の概要

|              |   |
|--------------|---|
| 製品名          | Anti-IL-17A antibody  |
| 製品の詳細        | Rabbit polyclonal to IL-17A   |
| 由来種          | Rabbit  |
| アプリケーション     | <b>適用あり:</b> ICC/IF, IHC-P, WB  |
| 種交差性         | <b>交差種:</b> Mouse, Human  |
| 免疫原          | Synthetic peptide corresponding to Human IL-17A (internal sequence). ab79056 was raised against a 16 amino acid synthetic peptide from within amino acids 50-100 of human IL-17.<br>Database link: <a href="#">Q16552</a><br>(Peptide available as <a href="#">ab190773</a> )   |
| ポジティブ・コントロール | IHC-P: lymphoid nodules   |
| 特記事項         | The blocking peptide is available as <a href="#">ab190773</a><br><br>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.<br><br>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 |

#### 製品の特性

|        |  |
|--------|--|
| 製品の状態  | Liquid   |
| 保存方法   | 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. |
| バッファー  | pH: 7.2<br>Preservative: 0.02% Sodium azide<br>Constituent: 99.98% PBS   |
| 精製度    | Immunogen affinity purified  |
| ポリ/モノ  | ポリクローナル  |
| アイソタイプ | IgG  |

## アプリケーション

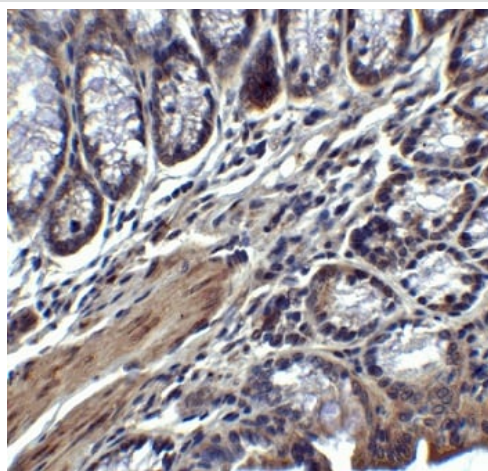
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab79056の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| ICC/IF   | ★★★★★ (1) | Use a concentration of 5 - 20 µg/ml.  |
| IHC-P    | ★★★★★ (9) | Use a concentration of 2 - 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.                            |
| WB       | ★★★★★ (2) | Use a concentration of 0.125 - 0.5 µg/ml. Detects a band of approximately 18 kDa (predicted molecular weight: 18 kDa). Can be blocked with <b>IL-17A peptide (ab190773)</b> . |

## ターゲット情報

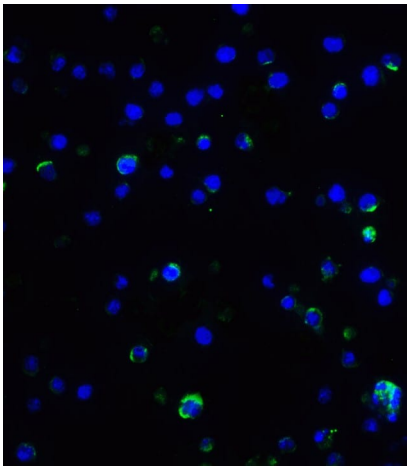
|       |   |
|-------|---|
| 機能    | Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of the intracellular adhesion molecule-1 (ICAM-1) in fibroblasts. |
| 組織特異性 | Restricted to activated memory T-cells.   |
| 配列類似性 | Belongs to the IL-17 family.  |
| 翻訳後修飾 | Found both in glycosylated and nonglycosylated forms.   |
| 細胞内局在 | Secreted.   |

## 画像



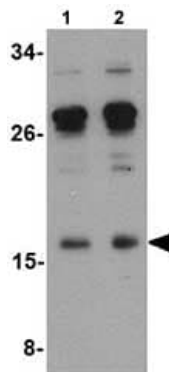
Immunohistochemical analysis of paraffin-embedded Mouse Colon Tissue using ab79056 at 2 µg/mL. Tissue was fixed with formaldehyde and blocked with 10% serum for 1h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-17A antibody (ab79056)



Immunocytochemistry/ Immunofluorescence - Anti-IL-17A antibody (ab79056)

Immunocytochemistry/Immunofluorescence analysis of A-20 (mouse reticulum sarcoma cell line) cells labelling IL-17A with purified ab79056 at 5 µg/mL. Cells were fixed with 4% paraformaldehyde. A goat anti-rabbit IgG (1/500) was used as the secondary antibody (green). Nuclei counterstained with DAPI (blue).



Western blot - Anti-IL-17A antibody (ab79056)

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

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

**All lanes :** A-20 cell lysate

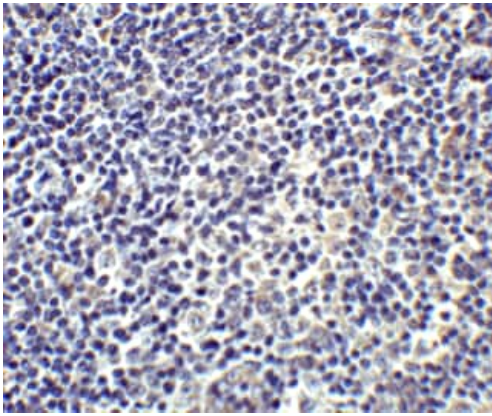
Lysates/proteins at 15 µg per lane.

**Predicted band size:** 18 kDa

**Observed band size:** 18 kDa

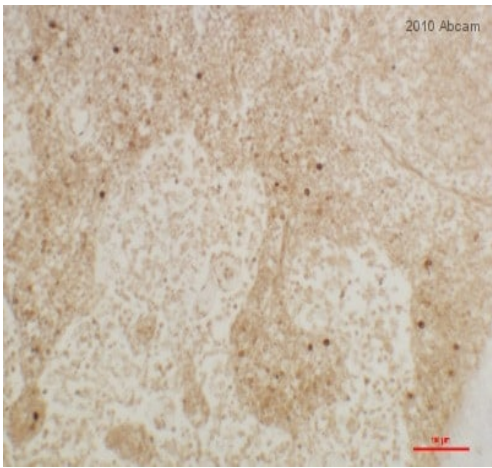
**Additional bands at:** 22 kDa, 28 kDa, 32 kDa. We are unsure as to the identity of these extra bands.

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-17A antibody (ab79056)

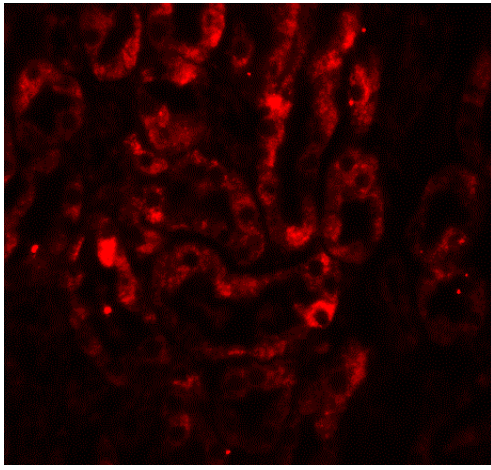
Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using ab79056 at 5 µg/mL. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-17A antibody (ab79056)

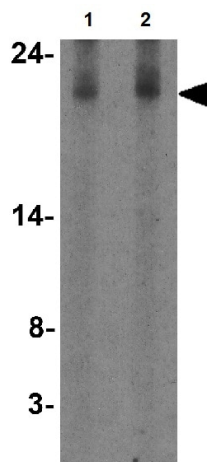
This image is courtesy of an Abreview submitted by Claudia Zizzadoro

ab79056 staining IL-17A 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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-17A antibody (ab79056)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse thymus tissue staining IL-17A with ab79056 at 20µg/ml. Goat anti-rabbit IgG (1/500) was used as the secondary antibody (red).



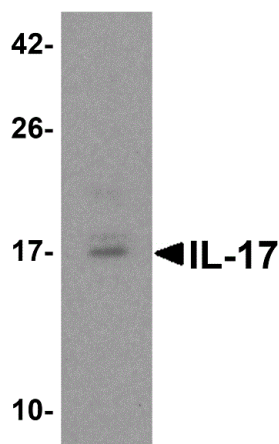
Western blot - Anti-IL-17A antibody (ab79056)

**All lanes :** Anti-IL-17A 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



Western blot - Anti-IL-17A antibody (ab79056)

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

**Predicted band size:** 18 kDa

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