

Anti-IL-17A antibody ab79056

★★★★★ [14 Abreviews](#) [142 References](#) [8 图像](#)

概述

产品名称	Anti-IL-17A抗体
描述	兔多克隆抗体to IL-17A
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P, WB
种属反应性	与反应: 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. Database link: Q16552 (Peptide available as ab190773)
阳性对照	IHC-P: lymphoid nodules
常规说明	The blocking peptide is available as ab190773 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

性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab79056于以下的经测试应用

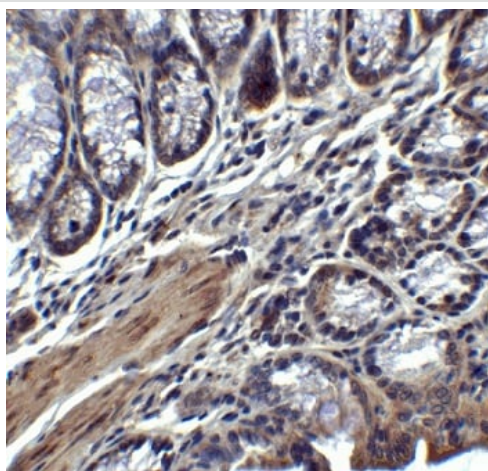
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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 IL-17A peptide (ab190773) .

靶标

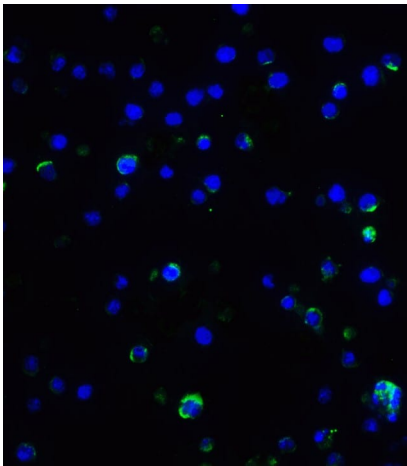
功能	Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of the intracellular adhesion molecule-1 (ICAM-1) in fibroblasts.
组织特异性	Restricted to activated memory T-cells.
序列相似性	Belongs to the IL-17 family.
翻译后修饰	Found both in glycosylated and nonglycosylated forms.
细胞定位	Secreted.

图片



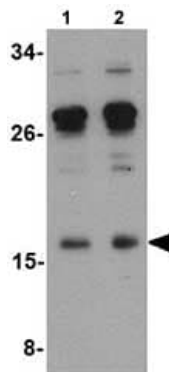
Immunohistochemical analysis of paraffin-embedded Mouse Colon Tissue using ab79056 at 2 µg/mL. Tissue was fixed with formaldehyde and blocked with 10% serum for 1h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. 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

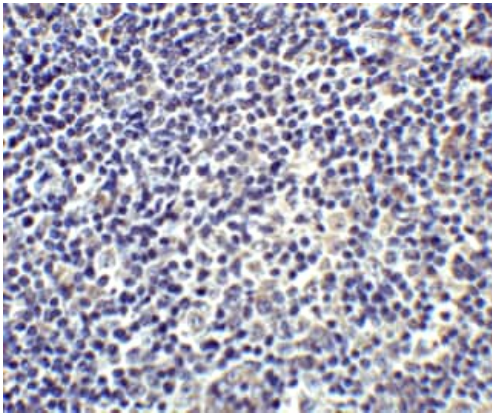
Lysates/proteins at 15 µg per lane.

Predicted band size: 18 kDa

Observed band size: 18 kDa

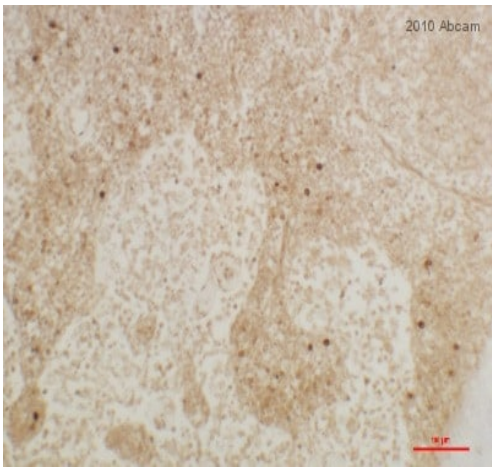
Additional bands at: 22 kDa, 28 kDa, 32 kDa. We are unsure as to the identity of these extra bands.

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)

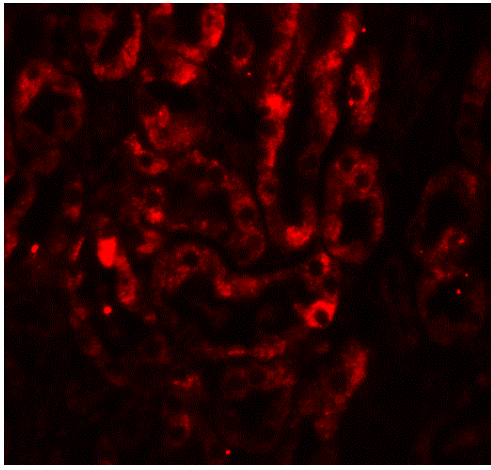
Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using ab79056 at 5 µg/mL. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. 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)

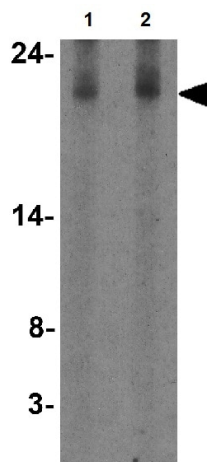
This image is courtesy of an Abreview submitted by Claudia Zizzadoro

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).



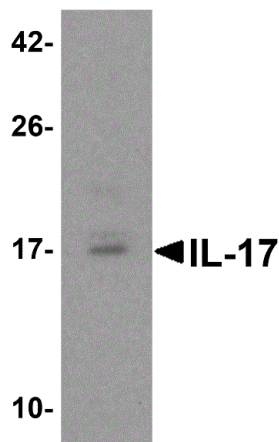
Western blot - Anti-IL-17A antibody (ab79056)

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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