

Product datasheet

Anti-IL21 antibody ab53655

1 References [画像数 1](#)

製品の概要

製品名	Anti-IL21 antibody
製品の詳細	Goat polyclonal to IL21
由来種	Goat
アプリケーション	適用あり: IHC-P, ELISA, ICC
種交差性	交差種: Human
免疫原	Synthetic peptide: CFQKAQLKSA NTGNNERIIN VSIKCLKRKP PS , corresponding to amino acids 78-109 of Human IL21 Note: Peptide sequence is < 50 % identical to other interleukins in this region. Run BLAST with Run BLAST with
ポジティブ・コントロール	Human spleen and human tonsil. IHC-P: human hodgkins lymphoma FFPE tissue sections

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.1% Sodium Azide Constituents: PBS, 1mg/ml BSA, pH 7.2
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

Our [Abpromise guarantee](#) covers the use of **ab53655** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

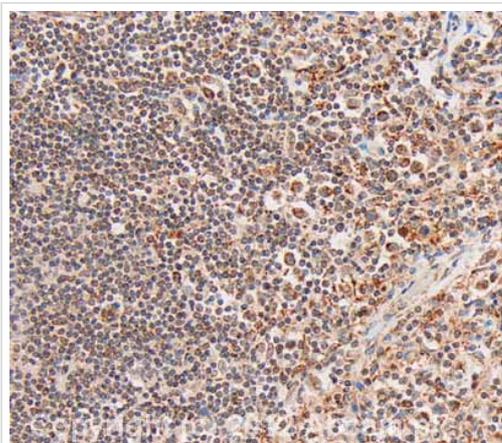
アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

アプリケーション	Abreviews	特記事項
ELISA		1/100000.
ICC		1/500.

ターゲット情報

機能	Cytokine with immunoregulatory activity. May promote the transition between innate and adaptive immunity. Induces the production of IgG(1) and IgG(3) in B-cells (By similarity). May play a role in proliferation and maturation of natural killer (NK) cells in synergy with IL15. May regulate proliferation of mature B- and T-cells in response to activating stimuli. In synergy with IL15 and IL18 stimulates interferon gamma production in T-cells and NK cells. During T-cell mediated immune response may inhibit dendritic cells (DC) activation and maturation.
組織特異性	Expressed in activated CD4-positive T-cells but not in CD8-positive T-cells, B-cells, or monocytes.
配列類似性	Belongs to the IL-15/IL-21 family.
細胞内局在	Secreted.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL21 antibody (ab53655)

IHC image of IL21 staining in human Hodgkins lymphoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol B. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab53655, 5µg/ml, for 15 mins at room temperature. A donkey anti-goat biotinylated secondary antibody was used to detect the primary, and visualized using an HRP conjugated ABC system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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