

Product datasheet

Anti-IL21 antibody ab77849

製品の概要

製品名	Anti-IL21 antibody
製品の詳細	Rabbit polyclonal to IL21
アプリケーション	適用あり: WB, Indirect ELISA, Sandwich ELISA
種交差性	交差種: Mouse
免疫原	Highly pure (>98%) recombinant mouse IL21.

製品の特性

製品の状態	Lyophilised
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: PBS, pH 7.2
精製度	Immunogen affinity purified
特記事項 (精製)	ab77849 was purified by affinity chromatography employing immobilized murine IL21 matrix.
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 **ab77849** 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
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 17 kDa. Used in conjunction with compatible secondary reagents the detection limit for recombinant murine IL21 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Indirect ELISA		Use a concentration of 0.5 - 2 µg/ml. using 100µl/well antibody solution). In conjunction with compatible secondary reagents, Ab77849 allows the detection of at least 0.2 - 0.4 ng/well of recombinant murine IL21.
Sandwich ELISA		Use a concentration of 0.5 - 2 µg/ml. Can be paired for Sandwich ELISA with Rabbit polyclonal to IL21 (Biotin) (ab77850) . Using 100µl/well antibody solution, this antibody can be used as capture antibody with recommended pair.

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.
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