

# Anti-IL-21 Reference Antibody (avizakimab)

Recombinant Antibody  
Catalog # APR10634

## Product Information

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<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">Q9HBE4</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	18653

## Additional Information

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<b>Target/Specificity</b>	IL-21
<b>Endotoxin Conjugation</b>	Unconjugated
<b>Expression system</b>	CHO Cell
<b>Format</b>	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

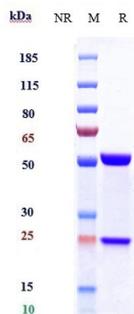
## Protein Information

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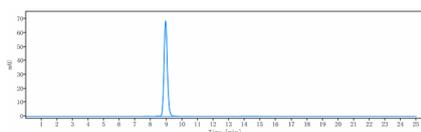
<b>Name</b>	IL21 ( <a href="#">HGNC:6005</a> )
<b>Function</b>	<p>Cytokine with immunoregulatory activity. May promote the transition between innate and adaptive immunity. Induces the production of IgG(1) and IgG(3) in B-cells (By similarity). Implicated in the generation and maintenance of T follicular helper (Tfh) cells and the formation of germinal-centers. Together with IL6, control the early generation of Tfh cells and are critical for an effective antibody response to acute viral infection (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 (PubMed:<a href="#">11081504</a>, PubMed:<a href="#">15178704</a>). During T-cell mediated immune response may inhibit dendritic cells (DC) activation and maturation (By similarity).</p>
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Expressed in activated CD4-positive T-cells but not in CD8-positive T-cells, B-cells, or monocytes

## Images

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Anti-IL-21 Reference Antibody (avizakimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-IL-21 Reference Antibody (avizakimab) is more than 95% ,determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.