# Recombinant Interleukin-21 Antibody

Rabbit Monoclonal Antibody [Clone IL21/17258R]

| Catalog No | Format | Size |
|---|---|---|
| 59067-RBM1-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 59067-RBM1-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 59067-RBM1-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

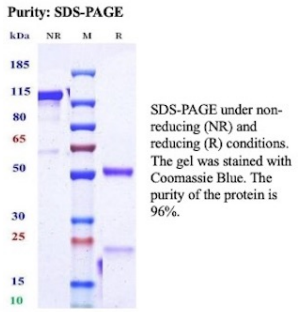
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

## Product Details

| | |
|---|---|
| **Clone** | IL21/17258R |
| **Immunogen** | Recombinant human IL21 protein |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG / Kappa |
| **Mol. Weight of Antigen** | 18.65kDa |
| **Cellular Localization** | Secreted |
| **Species Reactivity** | Human |
| **Positive Control** | Expressed in activated CD4-positive T-cells but not in CD8-positive T-cells, B-cells, or monocytes |

**Optimal dilution for a specific application should be determined.*

## Product Images for Recombinant Interleukin-21 Antibody




SDS-PAGE Analysis of Purified Recombinant Interleukin-21 Rabbit Monoclonal Antibody (IL21/17258R). Confirmation of Purity and Integrity of Antibody.

### Specificity & Comments

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:11081504, PubMed:15178704). During T-cell mediated immune response may inhibit dendritic cells (DC) activation and maturation (By similarity).

### Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.