

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

IL-21R (NT) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 40105

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 20-32 of human IL-21R precursor.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide

SPECIFICITY

This antibody recognizes an epitope at the N-terminus of human IL-21R, the receptor for IL-21. IL-21R complexes with the common cytokine receptor γ chain, γ_c , and mediates IL-21 signaling. IL-21 and its receptor activate the JAK-STAT signaling pathway. IL-21R is expressed in spleen and thymus as well as on natural killer (NK), T and B cells and plays a role in the proliferation and maturation of these cell populations.

APPLICATIONS

Immunoblotting: use at 0.5-1 ug/ml. In immunoblots, a band of 60 kD is detected.

Positive control: Raji cell lysate.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.