

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## IL-21R (ED) Polyclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 40104

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

### SPECIFICATION SUMMARY

**Antigen:** Peptide corresponding to aa 97-111 of human IL-21R precursor.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide

### SPECIFICITY

This antibody recognizes human IL-21R, the receptor for IL-21. IL-21R complexes with the common cytokine receptor  $\gamma$  chain,  $\gamma_c$ , 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.*