

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Anti-DR3 (NT) Antibody

### ORDERING INFORMATION

**Catalog No.:** 2402

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

### BACKGROUND

Apoptosis, or programmed cell death, occurs during normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain-containing receptors, TNFR1 and Fas. Another cell death receptor was recently identified and designated DR3, Wsl-1, Apo-3, TRAMP, and LARD. DR3 is widely expressed in tissues enriched in lymphocytes including peripheral blood, thymus, and spleen. Like TNFR1, DR3 induces apoptosis and NF- $\kappa$ B activation.

### SPECIFICATION SUMMARY

**Antigen:** Peptide corresponding to aa 25-40 at the N-terminus of human DR3.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide.

### SPECIFICITY

This antibody recognizes full-length human DR3 (59 kD).

### APPLICATIONS

*Immunoblotting:* use at 1:500-1:1,000 dilution.

*Positive control:* Whole cell lysate from Jurkat cells.

### 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.*