

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Anti-BAFF (CT) Antibody

### ORDERING INFORMATION

**Catalog No.:** 2221

**Size:** 100 ug IgG in 200 ul PBS, pH 7.4, purified by immunoaffinity chroma-tography.

### BACKGROUND

Members of the TNF superfamily regulate immune responses and induce apoptosis. A novel member of the TNF superfamily was recently identified and designated BAFF (B Cell Activating Factor of the TNF Family) or BlyS (B Lymphocyte Stimulator), TALL-1 (TNF- and ApoL-Related Leukocyte-Expressed Ligand), and THANK (TNF Homologue that Activates Apoptosis, NF- $\kappa$ B and c-jun N-terminal Kinase). BAFF is designated a B cell stimulator since it induces B cell proliferation and immunoglobulin secretion. BAFF and its receptors are involved in the development of systemic lupus erythematosus and other B cell-associated autoimmune diseases.

### SPECIFICATION SUMMARY

**Antigen:** Peptide corresponding to aa 254-269 at the C-terminus of human BAFF.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide.

### SPECIFICITY

This antibody recognizes human, mouse, and rat BAFF (approx. 38 kD).

### APPLICATIONS

*Immunoblotting:* use at 1:500-1:2,000 dilution.

*Positive control:* Whole cell lysate from HL60 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*