

# QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

## Bmf (NT) Polyclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 11002

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

### SPECIFICATION SUMMARY

**Antigen:** Peptide corresponding to aa  
2-14 of human Bmf.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide

### SPECIFICITY

This antibody recognizes an epitope at the N-terminus of human Bmf (Bcl-2-Modifying Factor), a novel BH3-only protein. In healthy cells, Bmf associates with the dynein light chain 2 component of the myosin V motors and is sequestered by the cell's actin cytoskeleton. Disruption of the actin cytoskeleton, either by depolymerization of actin filaments or by detachment of cells from the extracellular matrix, triggers release and activation of Bmf, initiating the downstream apoptotic program. Bmf is constitutively expressed in many tissues.

### APPLICATIONS

*Immunoblotting:* use at 2 ug/ml. In immunoblots, a band of 25 kD is detected.

*Positive control:* HepG2 or 293 cell lysates.

### 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.*