

# QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

## EndoG Polyclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 11004

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

### SPECIFICATION SUMMARY

**Antigen:** Peptide corresponding to aa  
55-70 of human EndoG.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide

### SPECIFICITY

This antibody recognizes human, mouse, and rat EndoG (Endonuclease G) an enzyme that is activated by apoptotic stimuli and is able to induce nucleosomal fragmentation of DNA independently of caspase and DFF/CAD. EndoG is a mitochondria-specific nuclease that translocates to the nucleus and cleaves chromatin DNA during apoptosis.

### APPLICATIONS

*Immunoblotting:* use at 1-2 ug/ml. In immunoblots, a band of 35 kD is detected.

*Positive control:* HepG2 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.*