

QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

ARTS Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 11000

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

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa
3-14 of human ARTS.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide

SPECIFICITY

This antibody recognizes human ARTS (Apoptosis Related Protein in TGF- β Signaling Pathway), a novel mitochondrial septin-like protein. ARTS translocates to the cell nucleus when apoptosis occurs. It enhances apoptosis induced by TGF- β and other inducers of apoptosis, such as TNF- α and Fas ligand.

APPLICATIONS

Immunoblotting: use at 0.5-2 ug/ml. In immunoblots, a band of 32 kD is detected.

Positive control: Human lung, kidney, or spleen 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.