

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-ASC Antibody

ORDERING INFORMATION

Catalog No.: 2287

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

BACKGROUND

Apoptosis is regulated by death domain (DD)- and/or caspase recruitment domain (CARD)-containing molecules and a caspase family of proteases. CARD-containing cell death regulators include RAIDD, RICK, BCL10, Apaf-1, ARC, caspase-2, and caspase-9. A novel CARD-containing protein was recently identified and designated ASC (or TMS1). ASC induces apoptosis by activating caspase-9 and inhibits survival of human breast cancer cells . ASC is widely expressed in human and mouse tissues.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 182-195 of human ASC.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human ASC (25 kD).

APPLICATIONS

Immunoblotting: use at 1:500 dilution.

Positive control: Whole cell lysate of 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.