

QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

MTBP Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 56222

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

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa
122-139 of human MTBP. This
sequence differs from that of mouse by
three amino acids.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide

SPECIFICITY

This antibody recognizes human and mouse MTBP which is involved in the p53 network of tumor suppression. p53 transcriptionally activates the MDM2 gene, then the translated MDM2 protein binds to p53 and promotes degradation of p53. MTBP binds to MDM2 and inhibits the modulating effect of MDM2 on p53. MTBP is expressed in a variety of normal tissues.

APPLICATIONS

Immunoblotting: use at 0.5-1 ug/ml. In immunoblots, a band of 104 kD is detected.

Positive control: K562 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.