

# QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

## RbAp48 Monoclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 3111 (clone 3-255)

**Size:** 100 ug Protein G-purified antibody in PBS, pH 7.4

### SPECIFICATION SUMMARY

**Antigen:** GST fusion protein containing the complete coding region (aa 1-425) of RbAp48 expressed in *E. coli*.

**Host Species:** Mouse

**Antibody Class:** IgG2a/ $\kappa$

**Stabilizers:** None

**Preservatives:** None. Available on request.

### SPECIFICITY

This antibody recognizes full-length human RbAp48 (48 kD) and RbAp46 (46 kD), nuclear proteins first identified by their ability to interact with the C-terminus of retinoblastoma protein (Rb). The amino acid sequences of RbAp48 and RbAp46 are highly homologous. Both Rb Ap48 and RbAp46 interact with human histone deacetylase Hd1 and can bind to histone H4.

### APPLICATIONS

*Immunoblotting:* use at 0.2-1 ug/ml.

*Immunoprecipitation:* use at 0.2-1 ug/ml.

*Immunofluorescence:* use at 0.2-1 ug/ml.

*Positive controls:* Molt 4 cells, HeLa 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 -70°C. Avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*