

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Anti-Hsp90 $\beta$ Polyclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 11106

**Size:** 100ul whole rabbit serum.

### BACKGROUND

Hsp90 is a highly conserved and essential stress protein that is expressed in all eukaryotic cells. Hsp90 is involved in the folding, assembly, maturation, and stabilization of specific proteins as a member of a chaperone complex. It is also highly expressed in unstressed cells where it participates in controlling the activity, turnover, and trafficking of a variety of proteins. Most of the Hsp90-regulated proteins are involved in cell signaling and include the kinases, v-Src, Wee1, c-Raf, transcriptional regulators such as p53 and steroid receptors, and the polymerases of hepatitis B virus and telomerase.

### SPECIFICATION SUMMARY

**Antigen:** Purified recombinant human Hsp90beta

**Host Species:** Rabbit

**Preservatives:** None.

### SPECIFICITY

This antibody recognizes human, rat, and mouse Hsp90 $\beta$ . It does not cross-react with Hsp90 $\alpha$ .

### APPLICATIONS

*Immunoblotting:* use at 1:20,000-1:40,000 (ECL). A band of ~90 kDa is detected.

*Positive control:* HeLa 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 repeated freezing and thawing.

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