

## IGF-1 Receptor Monoclonal Antibodies

### **ORDERING INFORMATION**

**Catalog No.:** 35101, 35102, 35103

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

### **SPECIFICATION SUMMARY**

**Antigen:** Purified human placental IGF-1 receptors.

**Host Species:** Mouse

**Antibody Class:** IgG1

**Stabilizers:** None

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

### **SPECIFICITY**

All three clones are specific for the human IGF-1 receptor; 35102 and 35103 recognize the  $\alpha$  subunit:

- 35101 (3B7) stimulates binding of IGF-1 and -2; stimulates basal and IGF-1 stimulated cell growth.
- 35102 (1H7) inhibits binding of IGF-1 and -2; inhibits cell growth.
- 35103 (2C8) has no effect on binding of IGF-1 or -2.

### **APPLICATIONS**

Use these antibodies in research studies to delineate signal transduction pathways specific for IGF's and for detecting IGF-1 receptors in crude samples. 35101 may be used to immunoprecipitate IGF-1 receptors. 35102 and 35103 can recognize the IGF-1  $\alpha$  subunit on immunoblots.

### **DILUTION INSTRUCTIONS**

Dilute in PBS or medium which is identical to that used in the assay system.

### **STORAGE AND STABILITY**

These antibodies are stable for at least one (1) year at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

### **REFERENCE**

Xiong et al. (1992) Proc Natl Acad Sci USA 89: 5356; Li et al. (1993) Biochem Biophys Res Commun 196: 92.

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