

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Interleukin-1 Receptor Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 40101, 40102, 40103.

Size: 200 ug Protein G-purified antibody in PBS, pH 7.4

SPECIFICATION SUMMARY

Antigen: The extracellular domain of the type I human IL-1 receptor (Genzyme Diagnostics).

Host Species: Mouse.

Antibody Class: 40101 and 40103 - IgG2b; 40102 = IgG2a.

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

These antibodies react with cell surface and soluble human IL-1 receptor; Specific epitopes are unknown, but they do partially inhibit (30-50%) binding of one another to IL-1 receptor. They do not block binding of IL-1 to receptor, and they do not cross-react with receptors for human IL-2 or IL-4.

APPLICATIONS

ELISA: Can be used as capture reagents or second antibody at a concentration of 5 ug/ml.

RIA: Concentrations of 20-30 ng/ml of these antibodies will bind radiolabeled IL-1 receptor in a radioimmunoassay format.

Immunohistochemistry: IL-1 receptor can be detected on cultured cells using antibody concentrations of 10-100 ug/ml.

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°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

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