

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-Rat Immunoglobulin Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 14701

Size: 1 ml ascites or 1 mg Protein G-purified antibody in PBS, pH 7.4

SPECIFICATION SUMMARY

Antigen: Purified rat immunoglobulin.

Host Species: Mouse

Antibody Class: IgG1.

Stabilizers: None

Preservatives: None. Available on request.

ACTIVITY

ELISA Titer*

14701 1:204,800

*ELISA is an indirect assay of ascites against rat immunoglobulin on the solid phase. Titers represent endpoint dilutions that achieve absorbance values ≥ 0.1 .

SPECIFICITY

This antibody recognizes rat IgG1, IgG2a, IgG2b, IgG2c, IgE, IgA, and IgM. It does not cross-react with immunoglobulin of the following species: bovine, canine, chicken, donkey, equine, feline, rabbit, sheep, porcine, guinea pig, goat, or human.

APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate rat immunoglobulin. Other applications are under investigation.

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.