

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Prolactin Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 12205 (6F11)

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

SPECIFICATION SUMMARY

Antigen: Sheep and human prolactin.

Host Species: Mouse

Antibody Class: IgG1

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes prolactin of the following species: rat, human, mouse, ovine, bovine, and squirrel monkey. The epitope recognized by this antibody is restricted to a region that includes the carboxyl-terminal disulfide loop that is conserved among prolactins from several species. This antibody also completely inhibits the lactogenic activity of serum or purified prolactin from rat in the Nb2 lymphoma bioassay.

APPLICATIONS

This antibody may be used in ELISA, Western blot, and immunohisto-chemistry. 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.

REFERENCE

Scammell et al. (1990) Molecular Cellular Endocrin 71: 125; Scammell et al. (1990) J Histochem Cytochem 38: 117; Scammell et al. (1992) Amer J Primatology 26: 35; Scammell et al. (1992) Endocrinol 131: 318; Scammell et al. (1992) Amer J Physiol 263: E520.

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