

# Prolactin Antibody

## Monoclonal Antibody

### Product Information

**Product No.:** 12205

**Clone:** 6F11

**Isotype:** Mouse IgG1

**Storage:** -20° to -70°C

### Product Description

#### 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.

#### Known Reactivity Species:

Bovine, Human, Monkey, Mouse, Rat, Sheep

#### Format:

Purified

#### Immunogen:

Sheep and human prolactin

#### Formulation

This monoclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.2 - 7.4 with no carrier protein or preservatives added

#### Storage and Stability

This antibody is stable for at least one (1) year at -20°C to -70°C

**Store product in appropriate aliquots to avoid multiple freeze-thaw cycles**

#### Product Preparation

Antibodies are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates

#### Applications

##### Applications and Recommended Usage (Quality Tested By Leinco):

This antibody may be used in ELISA, Western blot, and immunohistochemistry. Other applications are under investigation.

#### Country of Origin

USA

#### References

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

Products are for research use only. Not for use in diagnostic or therapeutic procedures.