

Mouse Anti-Prolactin Receptor [B6.2]: MC0921

Intended Use: For Research Use Only

Description: Prolactin is a peptide hormone secreted by the anterior pituitary that is necessary for the proliferation and differentiation of the mammary glands. Prolactin also acts in a cytokine-like manner and as an important regulator of the immune system. Prolactin has important cell cycle related functions as a growth, differentiating and anti-apoptotic factor. Prolactin is secreted by lactotrophs in the anterior pituitary. Prolactin producing cells make up approximately 20 percent of the pituitary. Elevated counts of these cells have been observed in pregnant women, newborns and in multiparous women. An antibody to prolactin is useful for the identification of pituitary tumors.

Specifications

Clone: B6.2
Source: Mouse
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Tissue culture supernatant in PBS pH7.5, containing 0.2% BSA, 15mM sodium azide (NaN₃)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
Prolactin Receptor Concentrated	MC0921	1 ml

IHC Procedure*

Positive Control Tissue: Anterior pituitary
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.