



Category: Monoclonal Antibodies **Cat. #** 1107NF- V1143 **Product Name:** Prolactin - Concentrated Monoclonal

Description:
Monoclonal Mouse Anti-Human Prolactin

Immunogen:
Human prolactin.

Cellular Localization:
Cytoplasmic

Application:
IHC--formalin-fixed paraffin-embedded (FFPE) tissue 1:50-1:100 (please see more info. in staining section).

Species Reactivity:
human, others not-tested.

Recommended Positive Control:
Human Pituitary gland

Epitope:
not determined

Presentation:
20 mM PO₄, 150 mM Sodium Chloride, BSA 10 mg/ml, and 0.05% Sodium Azide, pH 7.4

Aliquoting Instructions:
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. GENERAL INFO: When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Antibody Diluting Buffer. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:
This antibody can be used on formalin-fixed, paraffin-embedded tissue sections. These tissues require antigen demasking; boiling tissue for 10 mins. in 10 mM citrate, pH 6.0, followed by cooling the tissue for 10-20 mins at RT. Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50 to 1:100 in IHC. This product can be also used on frozen tissue sections. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with human prolactin. It has no detectable cross-reactivity towards hCG, hFSH, and hLH. The cross-reactivities towards hTSH and hGH are approximately at the level of 0.1%.

Storage:
Store at 2~8o C for short term, freeze under -20oC for long term storage.

Size: 0.5 ml
Clone: B109.1
Isotype: IgG1
Host: Mouse
Form: Concentrated
Mol. Wt. of Antigen: 23.5 kDa
Concentration: IgG1 0.2 mg/ml
Units On Hand: YES

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