



# Prolactin mouse mAb(ABT220)

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | BYab-15617                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                | Human                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>              | IHC;IF                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Name</b>                 | PRL                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Name</b>              | Prolactin                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen</b>                 | Synthesized peptide derived from human Prolactin                                                                                                                                                                                                                                                                                                                                                 |
| <b>Specificity</b>               | The antibody can specifically recognize human Prolactin protein.                                                                                                                                                                                                                                                                                                                                 |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.19% sodium azide.                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>                    | Mouse, Monoclonal/IgG1, Kappa                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purification</b>              | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                       |
| <b>Dilution</b>                  | IHC-p 1:100-500, IF 1:100-500                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>                  | Prolactin (PRL)                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cell Pathway</b>              | Secreted.                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Tissue Specificity</b>        | Cytoplasmic                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b>                  | function:Prolactin acts primarily on the mammary gland by promoting lactation.,online information:Prolactin entry,similarity:Belongs to the somatotropin/prolactin family.,                                                                                                                                                                                                                      |
| <b>Background</b>                | This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                             |

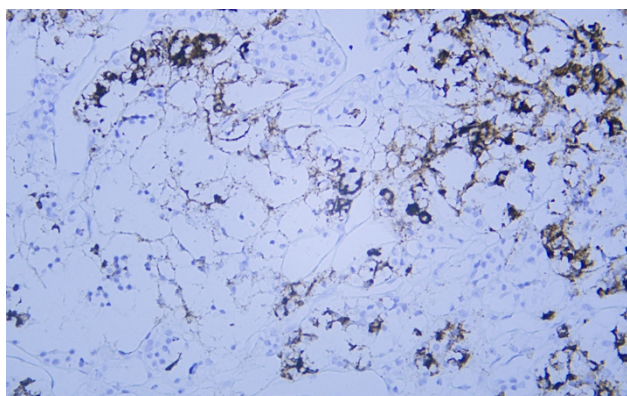
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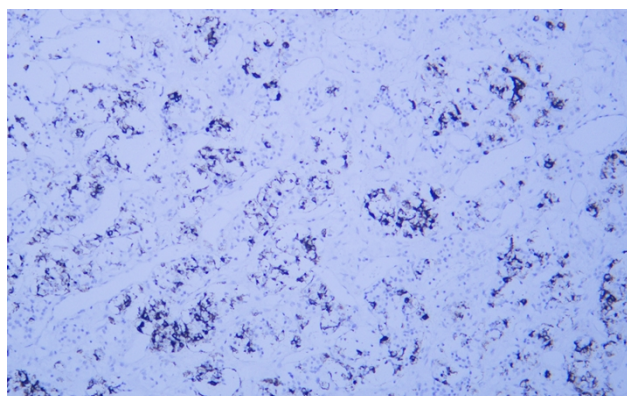
## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

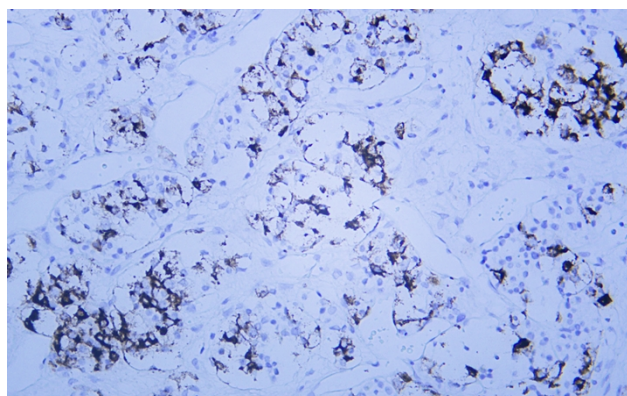
## Products Images



Human pituitary adenoma tissue was stained with Anti-Prolactin (ABT220) Antibody



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