

# PRL monoclonal antibody, clone 090-18111

Catalog # MAB4301      Size 1 mg

## Specification

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Product Description | Mouse monoclonal antibody raised against native PRL.                                                                   |
| Immunogen           | Native purified human PRL.                                                                                             |
| Host                | Mouse                                                                                                                  |
| Reactivity          | Human                                                                                                                  |
| Specificity         | Specific for human Prolactin.                                                                                          |
| Form                | Liquid                                                                                                                 |
| Isotype             | IgG1, kappa                                                                                                            |
| Recommend Usage     | The optimal working dilution should be determined by the end user.                                                     |
| Storage Buffer      | In 10 mM phosphate buffer, pH 7.4 (150 mM NaCl, 0.09% sodium azide)                                                    |
| Storage Instruction | Store at 4°C. For long term storage store at -80°C.<br>Aliquot to avoid repeated freezing and thawing.                 |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Sandwich ELISA

## Gene Info — PRL

Entrez GeneID [5617](#)

|                    |                           |
|--------------------|---------------------------|
| Gene Name          | PRL                       |
| Gene Alias         | -                         |
| Gene Description   | prolactin                 |
| Omim ID            | <a href="#">176760</a>    |
| Gene Ontology      | <a href="#">Hyperlink</a> |
| Other Designations | OTTHUMP00000017727        |

## Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Abortion](#)
- [Arthritis](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Autoimmune Diseases](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Disease Progression](#)
- [Fibroadenoma](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hyperparathyroidism](#)
- [Infertility](#)

- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)