

For Research Use Only

Prolactin Recombinant antibody, PBS Only (Capture)

Catalog Number: 85765-3-PBS



Basic Information

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|-------------------------------------|---------------------------------------|--|
| Catalog Number: 85765-3-PBS | GenBank Accession Number: BC015850 | Purification Method: Protein A purification |
| Concentration: 1 mg/ml | GeneID (NCBI): 5617 | CloneNo.: 242898A8 |
| Source: Rabbit | UNIPROT ID: P01236 | |
| Isotype: IgG | Full Name: prolactin | |
| Immunogen Catalog Number: AG9764 | Calculated MW: 227 aa, 26 kDa | |

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

Prolactin is also named as PRL and belongs to the somatotropin/prolactin family. The proteins encoded by PRL are secreted into the cell surroundings. And they are abundantly expressed in pituitary gland, adenohypophysis, decidua and testis. Indeed, chemically, prolactin appears in a multiplicity of posttranslational forms ranging from size variants to chemical modifications such as phosphorylation or glycosylation. It is not only synthesized in the pituitary gland, as originally described, but also within the central nervous system, the immune system, the uterus and its associated tissues of conception, and even the mammary gland itself (PMID: 11015620). Prolactin acts primarily on the mammary gland by promoting lactation (PMID: 30546056). The major form of prolactin found in the pituitary gland is 23 kDa, variants of prolactin have been characterized in many mammals, including humans. Of the cleaved forms that have been characterized, 14 kDa, 16 kDa, and 22 kDa prolactin variants have been most widely studied (PMID: 7937959) (PMID: 8425495).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

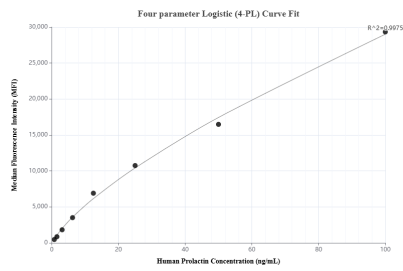
T: 4006900926

E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP02083-1, Prolactin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85765-3-PBS. Detection antibody: 85765-2-PBS. Standard: Ag9764. Range: 0.781-100 ng/mL.