



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti (Des-Gly¹⁰, D-Leu⁶, Pro-NHET⁹)-LHRH (Leuprolide)

Leuprolide is a synthetic nonapeptide analogue of gonadotropin-releasing hormone, used to treat prostate cancer, breast cancer, endometriosis, uterine fibroids, and early puberty. Leuprolide binds to and activates gonadotropin-releasing hormone (GnRH) receptors. Agonism of GnRH receptors initially results in the stimulation of luteinizing hormone (LH) and follicle-stimulating hormone (FSH) secretion by the anterior pituitary ultimately leading to increased serum estradiol and testosterone levels via the normal physiology of the hypothalamic–pituitary–gonadal axis.

This antibody was generated by immunization of rabbits with Leuprolide coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4064 (Lot n/a)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide Pyr-His-Trp-Ser-Tyr-D-Leu-Leu-Arg-Pro-NHET coupled to carrier protein.
Protein database:	n/a

Applications:

Tested in immunohistochemistry (IHC) and ELISA against Leuprolide. Other applications like FACS or Western Blot may work as well.

Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:

Frozen sections: not tested yet.

Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

Related Products:

S-1174: ELISA, high sensitivity for extracted samples

T-4063: anti Leuprolide, diluted antiserum

S-1144: ELISA, extraction-free for human serum samples

S-1159: ELISA, extraction-free for rat serum samples

S-1472: ELISA, extraction-free for mouse serum samples

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.