BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Octreotide

Octreotide (brand name Sandostatin®, among others) is an octapeptide that mimics natural somatostatin pharmacologically, though it is a more potent inhibitor of growth hormone, glucagon, and insulin than the natural hormone. Somatostatin (STT) analogs are important active pharmaceutical ingredients for the treatment of various tumors, and endocrine and digestive diseases. STT is one of the main inhibitors of endocrine and exocrine hormone secretion in humans.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4590 (Lot A15789)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	1.0 ml
Format:	Diluted antiserum, lyophilized. This stock solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN3, and 0.1% Triton X-100. Reconstitute by adding 1.0 ml of distilled water.
Stability and Storage:	Shelf life: one year from despatch. Lyophilized vial: one year at 4°- 8°C. Stock solution: one year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-L-threoninol (disulfide bond) coupled to carrier protein.

Cross-Reactivity:

PEPTIDE	%
Octreotide	100
Somatostatin-14	0
Somatostatin-28	0
Somatostatin Analog, RC-160	0
Somatostatin Analog, (CTOP)	0

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Phone: +41 61 811 6222, Email: info@bma.ch, www.bma.ch

Applications:

Tested in ELISA against Octreotide. Other applications like immunohistochemistry (IHC), 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.

Related Products:

T-4582: Rabbit anti Octreotide, neat antiserum
T-4874: Rabbit anti Octreotide, purified IgG
S-1275: ELISA, high sensitivity for extracted samples
S-1341: ELISA, extraction-free for human serum and plasma samples
S-1342: ELISA, extraction-free for rat serum and plasma samples

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This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

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