



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4429

### Rabbit anti Mating Factor alpha [UniProt P01149]

Mating Factor alpha is a 13 amino acid synthetic peptide, inhibitor of DNA synthesis for alpha-type mating cells of *Saccharomyces. cerevisiae*. This synthetic peptide is the mating pheromone alpha factor. Alpha-factor pheromone arrests yeast in G1 of the cell cycle by inducing mating genes which alter the cell surface.

This antibody was generated by immunization of rabbits with Mating Factor alpha coupled to a carrier protein.

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A13948
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400µg
<b>Format:</b>	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
<b>Stability:</b>	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against Mating Factor alpha. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide H-Trp-His-Trp-Leu-Gln-Leu-Lys-Pro-Gly-Gln-Pro-Met-Tyr-OH.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
Mating Factor $\alpha$	100
Met-Enkephalin	<0.001
NPY (porcine)	<0.001
Substance P	0
VIP (human, bovine, porcine, rat)	0
Somatostatin-14	0
CCK Octapeptide (desulfated)	0

Related Products: T-4430: neat antiserum

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This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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rabbit IgG

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