



BMA BIOMEDICALS



Peninsula Laboratories

T-4391

Rabbit anti IGF-1 (human) [UniProt: P05019]

Insulin-like Growth Factor 1 (IGF-1), also known as Somatomedin C, is a hormone similar to insulin. It is produced primarily by the liver as an endocrine hormone, which affects a wide range of cells and plays a key role in cell proliferation and growth. IGF-1 is also linked to tumor cell growth, due to its inhibitory effect on apoptosis.

This antibody was generated by immunization of rabbits with recombinant IGF-1.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	030688-2
Host species:	Rabbit IgG
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum; does not contain any preservative.
Stability:	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.
Applications:	This antibody has been tested and validated in ELISA against IGF-1. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Recombinant peptide H-Gly-Pro-Glu-Thr-Leu-Cys-Gly-Ala-Glu-Leu-Val-Val-Asp-Ala-Leu-Gln-Phe-Val-Cys-Gly-Asp-Arg-Gly-Phe-Tyr-Phe-Asn-Lys-Pro-Thr-Gly-Tyr-Gly-Ser-Ser-Ser-Arg-Arg-Ala-Pro-Gln-Thr-Gly-Ile-Val-Asp-Glu-Cys-Cys-Phe-Arg-Ser-Cys-Asp-Leu-Arg-Arg-Leu-Glu-Met-Tyr-Cys-Ala-Pro-Leu-Lys-Pro-Ala-Lys-Ser-Ala (disulfide bond).
Related Products:	T-4389: anti IGF-1, diluted antiserum T-4390: anti IGF-1, purified IgG

This product contains no 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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neat antiserum

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