



BMA BIOMEDICALS



Peninsula Laboratories

T-4744

Rabbit anti Osteocalcin (human) [UniProt: P84351]

Osteocalcin, also known as bone gamma-carboxyglutamic acid-containing protein (BGLAP), is a 49-amino acid non-collagenous protein hormone found in bone and dentin, first identified as a calcium-binding protein in chick bone. Because osteocalcin has gla domains, its synthesis is vitamin K dependent. Osteocalcin is secreted solely by osteoblasts and thought to play a role in the body's metabolic regulation. In its carboxylated form it binds calcium directly and thus concentrates in bone.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A06452
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.
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 Osteocalcin. 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:	Synthetic peptide H-Tyr-Leu-Tyr-Gln-Trp-leu-Gly-Ala-Pro-Val-Pro-Tyr-Pro-Asp-Pro-Leu-Glu-Pro-Arg-Arg-Glu-Val-Cys-Glu-Leu-Asn-Pro-Asp-Cys-Asp-OH coupled to carrier protein.

Related Products: T-4743: Rabbit anti Osteocalcin (hu), 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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