

Osteocalcin Recombinant antibody

Cat:B15004R

Company: HaoKebio

Uniprot ID:P02818

Applications: IHC:1:50-1:250

Organism:Rabbit

IHC-Polymer:1:200-1:1000

Species reactivity:Human Mouse Rat

IHC-TSA:1:250-1:1200

Background:

Osteocalcin is a small, highly conserved molecule associated with mineralization of bone matrix. Osteocalcin is specifically expressed in osteoblasts and is the most abundant non-collagenous protein in bone. It regulates the dynamics of new bone formation and bone resorption by interaction with vitamin D, and by influencing the differentiation of osteoblasts. Osteocalcin is also involved in the posttranslational targeting of vitamin K-dependent gamma-carboxylation, which controls blood coagulation.

Protein full name:

bone gamma-carboxyglutamate (gla) protein

Synonyms:

BGLAP, Osteocalcin, BGP, Bone Gla protein, Gamma-carboxyglutamic acid-containing protein

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Secreted

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

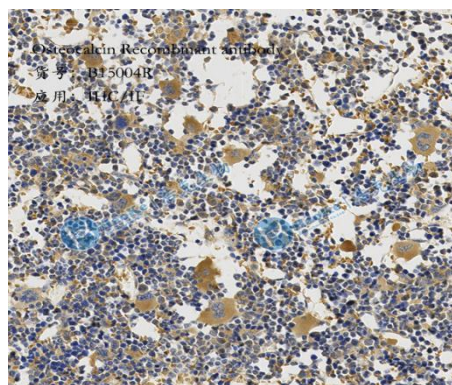
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse knee, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Osteocalcin(B15004R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Osteocalcin(B15004R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.