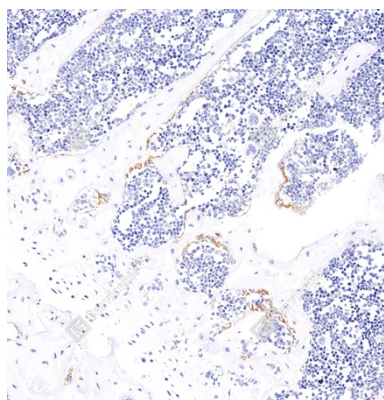


Anti-Osteocalcin Rabbit pAb

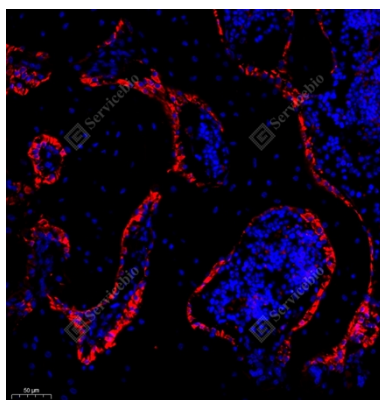


GB11233 -20°C

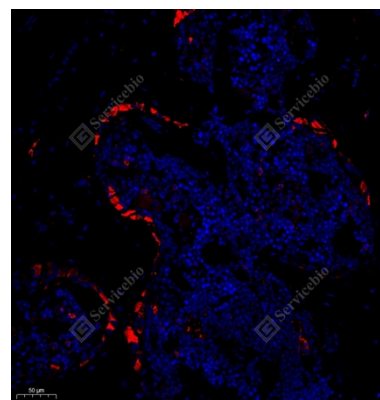
Product Information			
Protein full name	Osteocalcin		
Synonyms	BGLAP, BGP, OC, OCN, Osteocalcin, bone gamma-carboxyglutamate protein		
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Osteocalcin		
Uniprot ID	P86546		
Isotype	IgG		
Purity	Affinity purification		
Subcellular location	Secreted		
Applications	Species	Dilution	Positive Tissue
IHC/IF	Mouse, Rat	1: 100-1: 500	injured bone, bone
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.		
background			
Osteocalcin is secreted solely by osteoblasts and thought to play a role in the body's metabolic regulation and is pro-osteoblastic, or bone-building, by nature. It is also implicated in bone mineralization and calcium ion homeostasis. Osteocalcin acts as a hormone in the body, causing beta cells in the pancreas to release more insulin, and at the same time directing fat cells to release the hormone adiponectin, which increases sensitivity to insulin.			
Images			



IHC analysis of Osteocalcin(GB11233).
Sample: Mouse bone, 4% PFA (G1101) 12-24h.
Antigen retrieval: Pepsin Antigen Repair Solution, 37°C, 30min.
Primary antibody: 1: 300, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.



IF analysis of Osteocalcin(GB11233)red.
Sample: Rat injured bone, 4% PFA (G1101) 12-24h.
Antigen retrieval: Pepsin Antigen Repair Solution, 37°C, 30min.
Blocking buffer: 3% BSA (GC305010) in PBS, RT, 30min.
Primary antibody: 1: 500, 4°C overnight.
Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG (H+L) (GB21303), 1: 300, RT, 1h.



IF analysis of Osteocalcin(GB11233)red.
Sample: Mouse bone, 4% PFA (G1101) 12-24h.
Antigen retrieval: Pepsin Antigen Repair Solution, 37°C, 30min.
Blocking buffer: 3% BSA (GC305010) in PBS, RT, 30min.
Primary antibody: 1: 500, 4°C overnight.
Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG (H+L) (GB21303), 1: 300, RT, 1h.

For Research Use Only!

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