

bs-43106R**[Primary Antibody]**

Osteocalcin Rabbit pAb

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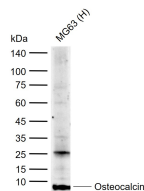
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human
GeneID: 632	SWISS: P02818	
Target: Osteocalcin		
Immunogen: Recombinant human Osteocalcin: 24-100/100.		Predicted MW.: 11 kDa
Purification: affinity purified by Protein A		Subcellular Location: Secreted
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Osteocalcin belongs to the osteocalcin/matrix Gla protein family and constitutes 1 to 2% of the total bone protein. It is a 49 amino acid single chain vitamin K dependent protein, made by osteoblasts, and is a major component of the noncollagenous bone matrix. Post translational modification by a vitamin K dependent carboxylase produces three gamma carboxyglutamic acid residues at positions 17, 21 and 24, giving it a high affinity for calcium. It also binds strongly to apatite.		

— VALIDATION IMAGES —



Sample: Lane 1: Human MG63 cell lysates
Primary: Anti-Osteocalcin (bs-43106R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 11 kDa
Observed band size: 6 kDa