

# Product Datasheet

## Osteocalcin Antibody (2H9F11F8) - BSA Free NB100-62801

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-62801**

Osteocalcin Antibody (2H9F11F8) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2H9F11F8
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	632
Gene Symbol	BGLAP
Species	Human, Mouse (Negative)
Reactivity Notes	Predicted cross-reactivities: Rabbit, Rat, Porcine, Bovine
Specificity/Sensitivity	This product recognizes intact human and bovine osteocalcin in a "2 site" assay and reacts with osteocalcin fragments corresponding to amino acids 15-31 and 20-43 of the native molecule. It does not recognize fragments representing amino acids 1-19 or 7-19.
Immunogen	Recombinant human osteocalcin GST fusion protein

Product Application Details	
Applications	ELISA, Immunohistochemistry
Recommended Dilutions	ELISA 1:100-1:2000, Immunohistochemistry
Application Notes	Use in Immunohistochemistry reported in scientific literature (PMID: 30358084).

**Publications**

Kolk A, Boskov M, Haidari S et al. Comparative analysis of bone regeneration behavior using recombinant human BMP-2 versus plasmid DNA of BMP-2 Cellular and Molecular Gastroenterology and Hepatology 2018-10-01 [PMID: 30358084] (IF/IHC, Rat)





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### **Products Related to NB100-62801**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00000632-P01-10ug	Recombinant Human Osteocalcin GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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