



Mouse Anti-Bovine/Human Osteocalcin Monoclonal Antibody, clone N29723PT2 (DCABY-L589)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Bovine osteocalcin with keyhole limpet hemocyanin and recombinant human osteocalcin with glutathione S-transferase.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Bovine, Human
Clone	N29723PT2
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA We recommend the following for sandwich ELISA (Capture - Detection): DCABY-L589-DCABY-4589, DCABY-4589-DCABY-L589
Format	Liquid
Concentration	Lot specific
Size	0.5 mg
Buffer	Supplied in 0.9 % NaCl, 0.1 % sodium azide.
Preservative	0.1% sodium azide

Storage	Store at 4°C.
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Ship	Wet ice
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BACKGROUND

Introduction	Osteocalcin, also known as Bone-Gla-Protein (BGP), is a single chain (Mr=5800) vitamin K dependent protein produced by osteoblasts and found in high concentrations in bone. Post-translational modification by a vitamin K dependent carboxylase produces three g-carboxyglutamic acid residues at positions 17, 21 and 24.
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Keywords	BGLAP;bone gamma-carboxyglutamate (gla) protein;OC;BGP;OCN;osteocalcin
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