

# Product Data Sheet

## Anti-Osteocalcin Antibody (Detection)

Catalog #	Source	Reactivity	Applications
CAP1044-D	Mouse	H	ELISA, ICA, CLIA
<b>Description</b>	Mouse monoclonal detection antibody to Osteocalcin		
<b>Immunogen</b>	Recombinant protein of human Osteocalcin		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes native and recombinant human Osteocalcin protein.		
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>			
<b>Form</b>	IgG1, liquid in PBS, pH 7.4, 0.05% Proclin 300.		
<b>Dilution</b>			
<b>Gene Symbol</b>	BGLAP		
<b>Alternative Names</b>	Osteocalcin; Bone Gla protein; BGP; Gamma-carboxyglutamic acid-containing protein		
<b>Entrez Gene</b>	632		
<b>SwissProt</b>	P02818		
<b>Directions for Use</b>	Recommended pair for sandwich immunoassay - Capture: CAP1044-C		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for 2 years. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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