



Magic™ Human Anti-Human BGLAP (N-terminal) Monoclonal antibody, clone NJE3 (DMAB-CS24637)

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

PRODUCT INFORMATION

Specificity	Human BGLAP
Target	Human BGLAP
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	NJE3
Conjugate	Unconjugated
Applications	ELISA(Cap), LFIA, CLIA, TINIA, POCT We recommend the following antibodies for sandwich immunoassay (Capture - Detection): DMAB-CS24637 - DMAB-CS24638
Format	Liquid
Size	1 mg
Buffer	Supplied as a 0.2 µM filtered solution of PBS, PH7.4.
Preservative	None
Storage	Store at -20°C to -80°C under sterile conditions. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction

Osteocalcin, also known as Bone-Gla-Protein (BGP), is a single chain ($M_r=5800$) vitamin K dependent protein produced by osteoblasts and found in high concentrations in bone. Posttranslational modification by a vitamin K dependent carboxylase produces three gcarboxyglutamic acid residues at positions 17, 21 and 24.

Keywords

BGLAP; bone gamma-carboxyglutamate (gla) protein; OC; BGP; OCN; N-terminal midfragment of Osteocalcin; N-MID OC