



Anti-DMP1 monoclonal antibody, clone 670833 [Biotin] (DCABY-4284)

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

PRODUCT INFORMATION

Antigen Description	View DMP-1 IHC images.
Specificity	Detects human DMP-1 in ELISAs. In sandwich immunoassays, no cross-reactivity with recombinant mouse DMP-1, recombinant human (rh)CD44, and rhComplement Factor H is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human DMP-1 isoform 2. Leu17-Tyr497 Accession Number NP_001073380
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	670833
Purification	Protein A or G purified from ascites
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	250 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	DMP1 dentin matrix acidic phosphoprotein 1 [Homo sapiens (human)]
Official Symbol	DMP1
Synonyms	DMP1; dentin matrix acidic phosphoprotein 1; ARHP; ARHR; DMP-1; dentin matrix protein 1;
Entrez Gene ID	1758
Protein Refseq	NP_001073380
UniProt ID	Q13316
Chromosome Location	4q21
Pathway	ECM proteoglycans; Extracellular matrix organization;
Function	calcium ion binding; extracellular matrix binding; integrin binding;