



Anti-FETUB monoclonal antibody, clone 323744 [Biotin] (DCABY-4300)

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

PRODUCT INFORMATION

Antigen Description	Fetuin is a member of the cystatin family of proteases. Secreted by the liver, fetuin can be found at high levels in serum. Fetuin A promotes phagocytosis of apoptotic cells and plays a role in bone development, calcium homeostasis and insulin sensitivity. Fetuin B functions as an inhibitor of basic calcium phosphate precipitation.
Specificity	Detects human Fetuin B in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human (rh)FetuinA, rhCystatin A, B, C, rhMMP-2, 9, rhBMP-2, 4, 6, rhTGF-beta 1, or rhTGF-beta 2 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Fetuin B. Met19-Pro382 Accession Number NP_055190
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	323744
Purification	Protein A or G purified from hybridoma culture supernatant
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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	FETUB fetuin B [Homo sapiens (human)]
Official Symbol	FETUB
Synonyms	FETUB; fetuin B; 16G2; Gugu; IRL685; fetuin-B; fetuin-like protein IRL685;
Entrez Gene ID	26998
Protein Refseq	NP_055190
UniProt ID	Q9UGM5
Chromosome Location	3q27
Function	cysteine-type endopeptidase inhibitor activity; metalloendopeptidase inhibitor activity; molecular_function;