



# Anti-FRZB monoclonal antibody, clone 244023 [Biotin] (DCABY-4306)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Secreted Frizzled related proteins are secreted glycoproteins with homology to the Wnt-binding domain of the Frizzled family of transmembrane receptors. sFRPs contain an N-terminal Frizzled-like cysteine-rich domain (CRD) with 10 conserved cysteines and a C-terminal heparin-binding region. sFRPs function as soluble antagonists of Wnt signaling by binding directly to Wnt proteins and preventing their interactions with Frizzled receptors.
<b>Specificity</b>	Detects human sFRP-3 in ELISAs. In sandwich immunoassays, 100% cross-reactivity with recombinant mouse sFRP-3 is observed and no cross-reactivity with recombinant human sFRP-1, -2, or -4 is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human sFRP-3. Ala33-Asn325 Accession Number AAB51298
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	244023
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Biotin
<b>Applications</b>	ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	250 µg

<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">FRZB frizzled-related protein [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FRZB
<b>Synonyms</b>	FRZB; frizzled-related protein; FRE; OS1; FZRB; hFIZ; FRITZ; FRP-3; FRZB1; SFRP3; SRFP3; FRZB-1; FRZB-PEN; secreted frizzled-related protein 3; sFRP-3; frezzled; frizzled homolog-related; frizzled-related protein 1;
<b>Entrez Gene ID</b>	<a href="#">2487</a>
<b>Protein Refseq</b>	<a href="#">NP_001454</a>
<b>UniProt ID</b>	<a href="#">D9ZGF6</a>
<b>Chromosome Location</b>	2q32.1
<b>Pathway</b>	Adipogenesis; Endochondral Ossification;
<b>Function</b>	PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding;