Human/Mouse sFRP-3 Biotinylated Antibody

Monoclonal Mouse IgG_1 Clone # 133912

Catalog Number: BAM192

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	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.
Source	Monoclonal Mouse IgG_1 Clone # 133912
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human sFRP-3 Ala33-Asn325 Accession # AAB51298
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Human/Mouse sFRP-3 Sandwich Immunoassay		**Reagent**
ELISA Capture	2-8 µg/mL	Human/Mouse sFRP-3 Antibody (Catalog # MAB1921)
ELISA Detection	0.5-2.0 µg/mL	Human/Mouse sFRP-3 Biotinylated Antibody (Catalog # BAM192)
Standard		Recombinant Human sFRP-3 (Catalog # 192-SF)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & 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.

BACKGROUND

Secreted Frizzled-related protein (sFRP-3), also known as FRZB, Fritz, Frzb1 and FRP-3, is expressed in the developing bone and cartilage as well as several adult tissues. It functions as an antagonist of Wnt signaling.

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