

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human sFRP-3 in direct ELISAs and Western blots. Shows 100% cross-reactivity with recombinant mouse (rm) sFRP-3 and no cross-reactivity with recombinant human (rh) sFRP-1, rmsFRP-2, or rhsFRP-4.
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 Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Human sFRP-3 (Catalog # 192-SF) Recombinant Mouse sFRP-3 (Catalog # 592-FR) under non-reducing conditions only

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. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 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

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.