Human SOST/Sclerostin Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 220902

Catalog Number: FAB1406N

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human SOST/Sclerostin in ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse SOST is observed.
Source	Monoclonal Mouse IgG_{2B} Clone # 220902
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human SOST/Sclerostin Gln24-Tyr213 Accession # Q9BQB4
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.*

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

SOST, also known as sclerostin, belongs to the Cerberus/DAN family of secreted glycoproteins. SOST binds BMP-5, -6, and -7 with high affinity and BMP-2 and -4 with low affinity and functions in bone homeostasis as a BMP antagonist.

PRODUCT SPECIFIC NOTICES

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