

SOST/Sclerostin Recombinant Antibody | SOST recombinant antibody

Anti-SOST/Sclerostin Reference Antibody (setrusumab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA297111	CHO Cell	Human, Mouse	Functional Assay, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

SOST/Sclerostin; Monoclonal Recombinant Antibody; Anti-SOST/Sclerostin Reference Antibody (setrusumab); SOST recombinant antibody

PRODUCT SPECIFICATIONS

Host	CHO Cell
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2SA
Specificity	SOST/Sclerostin
Purity/Purification	This antibody is purified through a protein A column.
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.
Concentration	2.96 mg/ml (varies by lot)
Applicable Applications for SOST recombinant antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry)
Endotoxin	< 0.001EU/ ug,determined by LAL method.
Conjugation	Unconjugated
Expression system	CHO Cell
Function	Negative regulator of bone growth that acts through inhibition of Wnt signaling and bone formation.
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Widely expressed at low levels with highest levels in bone, cartilage, kidney, liver, bone marrow and primary osteoblasts differentiated for 21 days. Detected in the subendothelial layer of the aortic intima (at protein level).
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -20°C in small aliquots to prevent freeze/thaw cycles

IMAGES



Application Data

The purity of Anti-SOST / Sclerostin Reference Antibody (setrusumab) is more than 91.76% ,determined by SEC-HPLC.



SDS-PAGE

Anti-SOST / Sclerostin Reference Antibody (setrusumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

Product Categories/Family for SOST recombinant antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13376846
NCBI GeneID	50964
NCBI Accession #	NP_079513.1
NCBI GenBank Nucleotide #	NM_025237.2
UniProt Accession #	Q9BQB4; Q495N9
Molecular Weight	143.44 KDa
NCBI Official Full Name	sclerostin
NCBI Official Synonym Full Names	sclerostin
NCBI Official Symbol	SOST
NCBI Official Synonym Symbols	CDD; VBCH
NCBI Protein Information	sclerostin
UniProt Protein Name	Sclerostin
UniProt Gene Name	SOST
UniProt Entry Name	SOST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sost-sclerostin-recombinant-antibody-functional-assay-flow-cytometry-elisa/297111>