

Anti-SOST / Sclerostin Reference Antibody (blosozumab)

Recombinant Antibody Catalog # APR10302

Specification

Anti-SOST / Sclerostin Reference Antibody (blosozumab) - Product Information

Application FC, Kinetics, Animal Model Primary Accession O9BOB4
Reactivity Rat, Human

Clonality Monoclonal Isotype IgG4SP Calculated MW 145 KDa

Anti-SOST / Sclerostin Reference Antibody (blosozumab) - Additional Information

Target/Specificity SOST / Sclerostin

Endotoxin

< 0.001EU/ µg,determined by LAL method.

Conjugation Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-SOST / Sclerostin Reference Antibody (blosozumab) - Protein Information

Name SOST (HGNC:13771)

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).

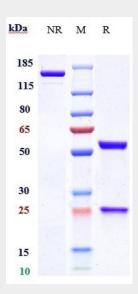


Anti-SOST / Sclerostin Reference Antibody (blosozumab) - Protocols

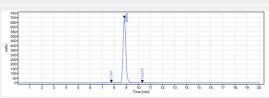
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-SOST / Sclerostin Reference Antibody (blosozumab) - Images



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



The purity of Anti-SOST / Sclerostin Reference Antibody (blosozumab)is more than 98.7% ,determined by SEC-HPLC.