For Research Use Only

CoraLite® Plus 488-conjugated SOST/Sclerostin Polyclonal antibody



Purification Method:

IF/ICC 1:50-1:500

wavelengths: 493 nm / 522 nm

Antigen affinity purification

Excitation/Emission maxima

Recommended Dilutions:

Catalog Number:CL488-21933 Featured Product

Basic Information

Catalog Number: GenBank Accession Number:

CL488-21933 BC 101086 GeneID (NCBI):

100ul, Concentration: 1000 ug/ml by 50964 Nanodrop: **UNIPROT ID:** Q9BQB4

Rabbit Full Name: Isotype: sclerosteosis IgG Calculated MW: Immunogen Catalog Number: 213 aa, 24 kDa

AG16567

Positive Controls:

IF/ICC: HepG2 cells,

Applications

Tested Applications:

Species Specificity:

Background Information

Sclerostin is a secreted glycoprotein with a C-terminal cysteine knot-like (CTCK) domain and sequence similarity to the DAN (differential screening-selected gene aberrative in neuroblastoma) family of bone morphogenetic protein (BMP) antagonists. Loss-of-function mutations in this gene are associated with an autosomal-recessive disorder, sclerosteosis, which causes progressive bone overgrowth. A deletion downstream of this gene, which causes reduced sclerostin expression, is associated with a milder form of the disorder called van Buchem disease

Storage

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

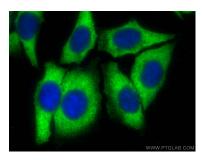
Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

in USA), or 1(312) 455-8498 (outside USA)

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using Coralite® Plus 488 Sclerostin antibody (CL488-21933) at dilution of 1:200.