For Research Use Only

CoraLite® Plus 488-conjugated SOST/Sclerostin Polyclonal antibody



Catalog Number: CL488-21933 Featured Product

Basic Information

Catalog Number: GenBank Accession Number:

 CL488-21933
 BC101086

 Size:
 GeneID (NCBI):

 1000 ug/ml
 50964

 Source:
 UNIPROT ID:

 Rabbit
 Q9BQB4

 Isotype:
 Full Name:

 IgG
 sclerosteosis

Immunogen Catalog Number: Calculated MW: AG16567 213 aa, 24 kDa

Purification Method:

Antigen affinity purification Recommended Dilutions: IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths: 493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

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

Storage:

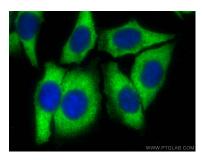
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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.