SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Bone Alkaline Phosphatase antibody

Catalog Number: SL6292R

FOR RESEARCH USE ONLY

[DATASHEET]

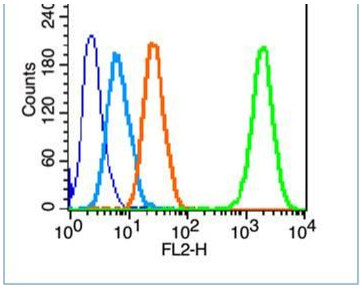
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Bone Alkaline Phosphatase
Immunogen:	KLH conjugated synthetic peptide derived from human Bone Alkaline Phosphatase: 56-150/524
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt=1ug/Test （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Cow,Rabbit)
Predicted MW.:	55kDa
Subcellular Location:	The cell membrane
Background:	Defects in ALPL are a cause of hypophosphatasia (HOPS) . HOPS is an inherited metabolic bone disease characterized by defective skeletal mineralization. Four hypophosphatasia forms are distinguished, depending on the age of onset: perinatal, infantile, childhood and adult type. The perinatal form is the most severe and is almost always fatal. Patients with only premature loss of deciduous teeth, but with no bone disease are regarded as having odontohypophosphatasia. **Function:** This isozyme may play a role in skeletal mineralization. **Subunit:** Homodimer. **Subcellular Location:** Cell membrane; Lipid-anchor, GPI-anchor. **Post-translational modifications:** Glycosylated. DISEASE: Defects in ALPL are a cause of hypophosphatasia (HOPS) [MIM:146300]. HOPS is an inherited metabolic bone disease characterized by defective skeletal mineralization. Four hypophosphatasia forms are

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[VALIDATION IMAGES]



Blank control (blue line): Hep G2(fixed with 70% ethanol Overnight at 4°C). Primary Antibody (green line): Rabbit Anti-Bone Alkaline Phosphatase antibody (SL6292R),Dilution: 1µg /10^6 cells. Isotype Control Antibody (orange line): Rabbit IgG .
Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE,Dilution: 1µg /test.

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