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Datasheet for ABIN748843
anti-IBSP antibody (AA 21-120) (Cy5.5)

Overview

| | |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | IBSP |
| Binding Specificity: | AA 21-120 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This IBSP antibody is conjugated to Cy5.5 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

Product Details

| | |
|-----------------------|--------------------------------------------------------------------------|
| Immunogen: | KLH conjugated synthetic peptide derived from human Bone sialoprotein II |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|-------------------------------------------------------|
| Target: | IBSP |
| Alternative Name: | Bone Sialoprotein 2 (IBSP Products) |

Target Details

Background: Synonyms: BSP, BNSP, SP-II, BSP-II, Bone sialoprotein 2, Bone sialoprotein II, BSP II, Cell-binding sialoprotein, Integrin-binding sialoprotein, IBSP
Background: Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. Promotes Arg-Gly-Asp-dependent cell attachment.

Gene ID: 3381

UniProt: [P21815](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months