

Data Sheet

HUMAN CD-BSP (aa 108-122)

HUMAN CARBOHYDRATE DEFICIENT-BONE SIALOPROTEIN (TUMOR-BSP)

ANTIBODY, MONOCLONAL

Catalog no.: A 4217.1 / A 4217.2
Immunogen: Recombinant human CD-BSP (aa 108-122)
Swiss-Prot No: P21815
Gene Information: Gene name: IBSP
 GenelD: 3381

Host: Rat
Clone: IDBSP5
Isotype: IgG_{2a} kappa

Matrix: Cell supernatant, Prot. G purified, PBS pH 7.4

Specificity: Carbohydrate deficient-Bone Sialoprotein (tumor-BSP)

Contents: 10 µg / 100 µg
 Resuspend in 10 µl / 100 µl aqua bidest.

Known applications: ELISA (1:2000), Western Blot (1:250)², immunohistochemistry (paraffin sections)

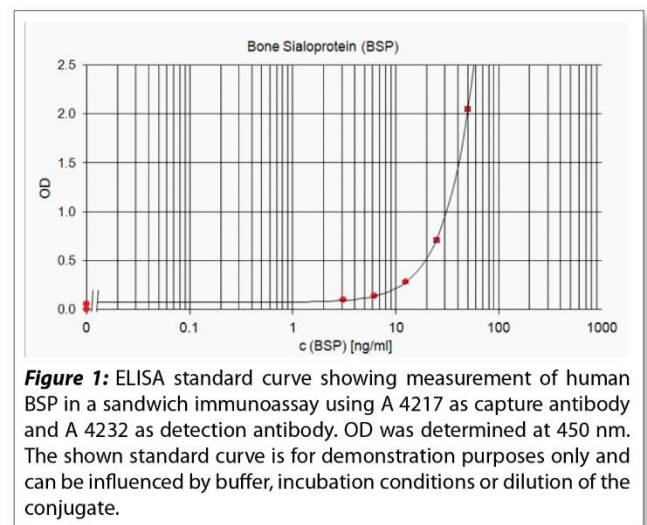
This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.

Store at: 2-8 °C (lyophilized); -20 °C (dissolved)

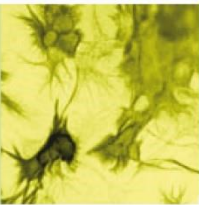
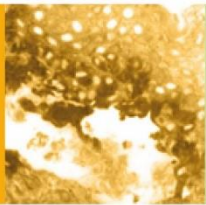
Repeated thawing and freezing must be avoided

References:

1. Zepp M, Armbruster FP, Berger MR. Rat monoclonal antibodies against bone sialoprotein II inhibit tumor growth and osteolytic lesions in nude rats induced by MDA-MB-231 breast cancer cells. *Int J Clin Pharmacol Ther.* 2010 Jul; **48**(7):462-4.
2. Berger M, Zepp M, Armbruster FP (2011). Poster P1-01-01: A Rat Monoclonal Antibody Against Bone Sialoprotein II Is Active in Preventing and Treating Tumor Growth and Osteolytic Lesions in Nude Rats Induced by MDA-MB-231 Breast Cancer Cells. *Abstract published in Cancer Res 2011*; **71**(24 Suppl):Abstract nr P1-01-0.
3. Rustamov V, Keller F, Klicks J, Hafner M, Rudolf R. Bone Sialoprotein Shows Enhanced Expression in Early, High-Proliferation Stages of Three-Dimensional Spheroid Cell Cultures of Breast Cancer Cell Line MDA-MB-231. *Front Oncol.* 2019 Feb 5; **9**:36.



Antibodies



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For research use only

Publishing research using A 4217? Please let us know so that we can cite your publication as a reference.



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