Antibodies

Data Sheet

HUMAN CD-BSP (aa 108-122)

HUMAN CARBOHYDRATE DEFICIENT-BONE SIALOPROTEIN (TUMOR-BSP)

ANTIBODY, MONOCLONAL

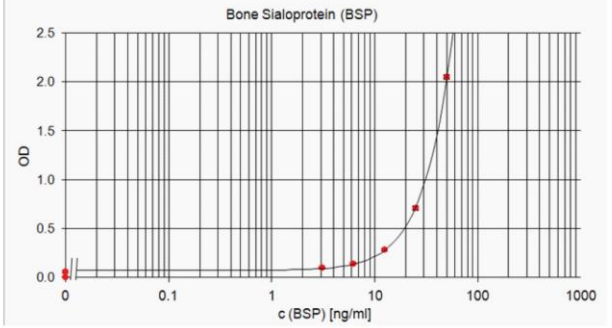

Figure 1: ELISA standard curve showing measurement of human BSP in a sandwich immunoassay using A 4217 as capture antibody and A 4232 as detection antibody. OD was determined at 450 nm. The shown standard curve is for demonstration purposes only and can be influenced by buffer, incubation conditions or dilution of the conjugate.

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
	GeneID: 3381
Host:	Rat
Clone:	IDBSP5
Isotype:	$IgG_{1\ kappa}$
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)[1], 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. Rustamov V, Keller F, Klicks J, Hafner M & Rudolf R (2019) 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.* 9:
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For research use only

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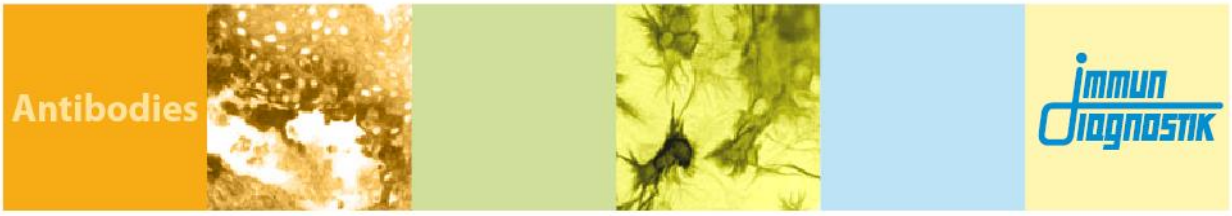

Publishing research using A 4217? Please let us know so that we can cite your publication as a reference.

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