Product Datasheet

Human Osteosarcoma Tissue MicroArray
NBP2-30289

Unit Size: 1 Slide

Store at 4C. Do not freeze.

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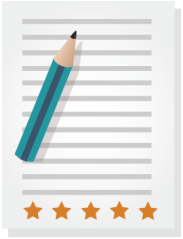
Publications: 12

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-30289

Updated 4/12/2023 v.20.1



NBP2-30289

Human Osteosarcoma Tissue MicroArray

Product Information	
Unit Size	1 Slide
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C. Do not freeze.

Product Description	
Description	Please see online datasheet for well details: www.novusbio.com/NBP2-30289
Species	Human
Reactivity Notes	Human
Lysate Type	Tissue

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin

Complete product information can be found online at www.novusbio.com/NBP2-30289.
Please contact technical service with any questions regarding the use of this product.

Publications

Hirozane T, Masuda M, Sugano T, et al. Direct conversion of osteosarcoma to adipocytes by targeting TNIK JCI insight 2021-01-05 [PMID: 33400690]

Linder M, Glitzner E, Srivatsa S et al. EGFR is required for FOS-dependent bone tumor development via RSk2/CREB signaling. EMBO Mol Med. 2018-10-25 [PMID: 30361264] (IF/IHC, Human)

DAFT PG Zayzafoon M. et al. ALPHA-CaMKII-INDUCED VEGF EXPRESSION IS CRITICAL FOR THE GROWTH OF HUMAN OSTEOSARCOMA Thesis 2015-01-01 (IHC-P)

Deshpande AM, Akunowicz JD, Reveles XT et al. PHC3, a component of the hPRC-H complex, associates with E2F6 during G0 and is lost in osteosarcoma tumors. Oncogene. 2007-03-15 [PMID: 17001316] (IHC-P)

Details:
IHC (paraffin), Fig. 5.

Susa M, Choy E, Liu X et al. Cyclin G-associated kinase is necessary for osteosarcoma cell proliferation and receptor trafficking. Mol Cancer Ther. 2010-12-01 [PMID: 20881269] (IHC-P)

Details:
IHC (paraffin), Fig 5, Table I. The IMH-370 osteosarcoma TMA slide was stained with a Cyclin G antibody.

Daft PG, Yuan K, Warram JM et al. Alpha-CaMKII plays a critical role in determining the aggressive behavior of human osteosarcoma. Mol Cancer Res. 2013-04-01 [PMID: 23364534] (IHC-P)

Details:
IHC (paraffin), Fig 1. IMH-370 osteosarcoma TMA slides were stained with H&E or with H&E plus a a-CaMkII antibody.

Yang W, Liu X, Choy E et al. Targeting hedgehog-GLI-2 pathway in osteosarcoma. J Orthop Res. 2013-03-01 [PMID: 22968906] (IHC-P)

Details:
IHC (paraffin), Fig 7. The IMH-370 osteosarcoma TMA slide was stained with a GLI-2 antibody.

Liu X, Choy E, Hornicek FJ et al. ROCK1 as a potential therapeutic target in osteosarcoma. J Orthop Res. 2011-08-01 [PMID: 21387396] (IHC-P)

Details:
IHC (paraffin), Fig 6. The IMH-370 osteosarcoma TMA slide was stained with a ROCk1 antibody.

Ryu K, Choy E, Yang C et al. Activation of signal transducer and activator of transcription 3 (Stat3) pathway in osteosarcoma cells and overexpression of phosphorylated-Stat3 correlates with poor prognosis. J Orthop Res. 2010-07-01 [PMID: 20063378] (IHC-P)

Details:
IHC (paraffin), Figs 2,3 & Tables 1,2. The IMH-370 osteosarcoma TMA slide was stained with a phospho-STAT3 antibody.

Duan Z, Zhang J, Choy E et al. Systematic kinome shRNA screening identifies CDK11 (PITSLRE) kinase expression is critical for osteosarcoma cell growth and proliferation. Clin Cancer Res. 2012-09-01 [PMID: 22791884] (IHC-P)

Details:
IHC (paraffin), Fig 4. The IMH-370 osteosarcoma TMA slide was stained with a CDk11 antibody.

Yang C, Ji D, Weinstein EJ et al. The kinase Mirk is a potential therapeutic target in osteosarcoma. Carcinogenesis. 2010-04-01 [PMID: 20042639] (IHC-P)

Details:
IHC (paraffin), Fig 5, Table 1. The IMH-370 osteosarcoma TMA slide was stained with a MIRk antibody.

Duan Z, Ji D, Weinstein EJ et al. Lentiviral shRNA screen of human kinases identifies PLK1 as a potential therapeutic target for osteosarcoma. Cancer Lett. 2010-07-28 [PMID: 20144850] (IHC-P)

Details:
IHC (paraffin), Fig 5. The IMH-370 osteosarcoma TMA slide was stained with a PLk1 antibody.

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Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Tissue Micro Arrays are guaranteed for 1 year from date of receipt.

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