

Product Datasheet

Human Lung Tissue MicroArray (Cancer) NBP2-30277

Unit Size: 1 Slide

Store at 4C. Do not freeze.

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NBP2-30277

Human Lung Tissue MicroArray (Cancer)

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/NBP2-30277
Species	Human
Lysate Type	Tissue
Lysate Tissue Condition	Cancer
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin

Complete product information can be found online at www.novusbio.com/NBP2-30277.
Please contact technical service with any questions regarding the use of this product.



Publications

Alam H, Li N, Dhar SS et al. HP1g promotes lung adenocarcinoma by downregulating the transcription-repressive regulators NCOR2 and ZBTB7A *Cancer Res.* 2018-05-15 [PMID: 29764865] (IHC-P, Human)

Hastings RH, Montgrain PR, Quintana RA et al. Lung carcinoma progression and survival versus amino- and carboxyl-parathyroid hormone-related protein expression. *J. Cancer Res. Clin. Oncol.* 2017-03-25 [PMID: 28342003] (IF/IHC, Human)

Cui R, Meng W, Sun HL et al. MicroRNA-224 promotes tumor progression in nonsmall cell lung cancer *Proc. Natl. Acad. Sci. U.S.A.* 2015-07-17 [PMID: 26187928]

Gao W, Lu C, Chen L, Keohavong P. Overexpression of CRM1: A characteristic feature in a transformed phenotype of lung carcinogenesis and a molecular target for lung cancer adjuvant therapy *J Thorac Oncol.* 2015-01-27 [PMID: 25629636] (IHC-P)

Details:

Human Lung Tissue Microarray/Normal (NBP2-30223, Imgenex IMH-340) alongwith Human Lung Tissue Microarray /Cancer (NBP2-30277, Imgenex IMH-305) slides were used for IHC-P staining of CRM1/chromosome region maintenance 1 protein, a nuclear export receptor for various cancer-associated 'cargo' proteins. The lung cancer tissues depicted an increased levels of CRM1 expression when compared to the adjacent normal lung tissues (Figure 1a, 1b).

O'Toole JM, Rabenau KE, Burns K et al. Therapeutic implications of a human neutralizing antibody to the macrophage-stimulating protein receptor tyrosine kinase (RON), a c-MET family member. *Cancer Res.* 2006-09-15 [PMID: 16982759] (IHC-P)

Details:

IHC-paraffin: 1. IMH-364 (breast tissue microarray) Fig. 1 2. IMH-305 (lung tissue microarray) Fig. 1 3. IMH-303 (prostate tissue microarray) Fig. 1.

McGuire MJ, Gray BP, Li S et al. Identification and characterization of a suite of tumor targeting peptides for non-small cell lung cancer. *Sci Rep* 2014-03-27 [PMID: 24670678] (IHC-P, Human)

Coe BP, Lee EH, Chi B et al. Gain of a region on 7p22.3, containing MAD1L1, is the most frequent event in small-cell lung cancer cell lines. *Genes Chromosomes Cancer.* 2006-01-01 [PMID: 16130125]

Kawakami M, Kawakami K, Stepensky VA et al. Interleukin 4 receptor on human lung cancer: a molecular target for cytotoxin therapy. *Clin Cancer Res.* 2002-11-01 [PMID: 12429641] (FISH)

Details:

Fluorescence in situ Hybridization (FISH): Fig 5D.

Wagner KW, Alam H, Dhar SS et al. KDM2A promotes lung tumorigenesis by epigenetically enhancing ERK1/2 signaling. *J Clin Invest* 2013-12-02 [PMID: 24200691] (IHC-P, Human)



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Products Related to NBP2-30277

NB820-59239	Human Lung Whole Tissue Lysate (Adult Whole Normal)
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Limitations

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