
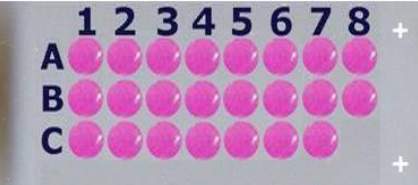


Cat No: NPC231 - Nasopharyngeal carcinoma tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	 	
NPC23101	23	1.5mm	4um	3X8	H&E, IHC anti-Cytokeratin		

Recommended applications: For research use only. Designed for IHC or ISH based protein or RNA tissue profiling in nasopharyngeal carcinoma.

Description: Nasopharyngeal carcinoma tissue array, NPC231, non-overlapping with other NPC tissue arrays, containing 21 cases of primary tumors and 2 cases of metastatic tumors.

All the tissues were from surgical resection. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.**

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	F	48	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A02	M	53	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A03	M	32	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A04	M	51	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A05	M	54	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A06	M	48	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A07	M	62	Head and neck, nasopharynx	Non-keratinizing differentiated carcinoma	II	null
A08	F	35	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B01	F	45	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B02	M	49	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B03	M	38	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B04	F	67	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B05	F	50	Head and neck, left neck, subcutaneous tissue	Metastatic or invasive Non-keratinizing undifferentiated carcinoma	III	null
B06	M	60	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B07	M	48	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B08	M	66	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C01	F	36	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C02	M	42	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C03	M	51	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C04	F	51	Head and neck, nasopharynx	Non-keratinizing differentiated carcinoma	II	null
C05	F	50	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null



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C06	M	33	Head and neck, mastoid process	Metastatic or invasive Non-keratinizing undifferentiated carcinoma	III	null
C07	M	51	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null

Notes: Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer. For availability of complimentary IHC data, please contact us at info@pantomics.com.

Certified by: Langxing Pan, M.D.

TNM Classification: Urinary bladder carcinoma

T Primary tumor

- TX Primary tumor cannot be assessed
- T0 No evidence of primary tumor
- Ta Noninvasive papillary carcinoma
- Tis Carcinoma in situ: "flat carcinoma"
- T1 Tumor invades subepithelial connective tissue
- T2 Tumor invades muscle
- T2a Tumor invades superficial muscle (inner half)
- T2b Tumor invades deep muscle (outer half)
- T3 Tumor invades perivesical tissue
- T3a microscopically
- T3b macroscopically (extravesical mass)
- T4 Tumor directly invades any of the followings: prostate, uterus, vagina, pelvic wall, abdominal wall
- T4a Tumor invades prostate, uterus, vagina
- T4b Tumor invades pelvic wall, abdominal wall

N Regional lymph nodes

- NX Regional lymph nodes cannot be assessed
- N0 No regional lymph node metastasis
- N1 Metastasis in a single lymph node, 2 cm or less in greatest dimension
- N2 Metastasis in a single lymph node more than 2 cm but not more than 5 cm in greatest dimension; or multiple lymph nodes, none more than 5 cm in greatest dimension
- N3 Metastasis in a lymph node, more than 5 cm in greatest dimension

M Distant metastasis

- MX Distant metastasis cannot be assessed
- M0 No distant metastasis
- M1 Distant metastasis

AJCC. Cancer Staging Manual. Sixth Edition (2002)