

# Lung cancer immunohistochemistry type code N[N]

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## Identifying and definitional attributes

<b>Metadata item type:</b>	Value Domain
<b>METEOR identifier:</b>	433010
<b>Registration status:</b>	<a href="#">Health</a> , Standard 08/05/2014
<b>Definition:</b>	A code set representing immunohistochemical stains used to assist in the diagnosis of lung cancer.

## Representational attributes

<b>Representation class:</b>	Code
<b>Data type:</b>	Number
<b>Format:</b>	N[N]
<b>Maximum character length:</b>	2

	Value	Meaning
<b>Permissible values:</b>	1	Thyroid transcription factor-1 (TTF-1)
	2	Cytokeratin 5 (CK5)
	3	Cytokeratin 6 (CK6)
	4	Cytokeratin 7 (CK7)
	5	Cytokeratin 20 (CK20)
	6	p53-related transcription factor p63 (p63)
	7	Napsin
	88	Other
<b>Supplementary values:</b>	97	Not applicable-immunohistochemical staining not performed
	98	Unknown if immunohistochemistry performed
	99	Immunohistochemistry performed but stains not stated/inadequately described

## Collection and usage attributes

<b>Guide for use:</b>	Record the code for each immunohistochemical profile obtained to assist in the diagnosis of lung cancer.
<b>Comments:</b>	Thyroid transcription factor-1 and cytokeratin 7 and 20 can be useful, in conjunction with tumour morphology and clinical and radiological findings, to help to distinguish between primary and metastatic lung adenocarcinomas.
	Cytokeratin 5/6 and p63 immunostaining is used by some pathologists to help to determine whether a tumour is a squamous or non-squamous type.
	The majority (about 75%) of primary lung adenocarcinomas are CK7 positive, CK20 negative and TTF-1 positive and Napsin stains are positive in approximately 80% of primary lung adenocarcinomas.

## Source and reference attributes

<b>Submitting organisation:</b>	Cancer Australia
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**Reference documents:** Royal College of Pathologists of Australasia 2010. Lung cancer structured reporting protocol. 1st Edition (Version 1.0). Surry Hills, NSW: Royal College of Pathologists of Australasia

## Relational attributes

**Data elements implementing this value domain:** [Person with cancer—lung cancer immunohistochemistry type, code N\[N\] Health](#), Standard 08/05/2014