

**Cellular Pathology Special Diagnostics Tests**

Please note, due to a change in equipment, many of our tests are temporarily not in scope of accreditation. Please see notes below.

**Antibody Repertoire:**

<b>A</b>	CD30 <sup>2</sup>	<b>E</b>	<b>K</b>	PROGESTERONE RECEPTOR
A33 (Anti-GPA33) <sup>1</sup>	CD31	E CADHERIN 2	KAPPA ISH <sup>2</sup>	PSA <sup>2</sup>
AE1/AE3 (Multi-cytokeratin) <sup>2</sup>	CD34 <sup>2</sup>	EBER ISH <sup>2</sup>	Ki67 <sup>2</sup>	
AFP	CD43 <sup>2</sup>	EMA <sup>2</sup>		<b>R</b>
ALK (D5F3) lung only <i>Companion Diagnostic</i> <sup>2</sup>	CD45 (LCA) <sup>2</sup>	ERG <sup>2</sup>	<b>L</b>	RACEMASE (AMACR) <sup>2</sup>
ALK 1 (non-lung)	CD56 (NCAM) <sup>2</sup>	ESTROGEN RECEPTOR	LAMBDA ISH <sup>2</sup>	
AMYLOID A	CD57 <sup>2</sup>		LANGERIN <sup>2</sup>	<b>S</b>
	CD61 <sup>2</sup>		L-FABP <sup>1</sup>	S-100 <sup>2</sup>
<b>B</b>	CD68 KP1 <sup>2</sup>	<b>F</b>		SDHB <sup>1</sup>
BAP 1 <sup>1</sup>	CD68 PGM1 <sup>2</sup>	FACTOR 13a (X111a)		SMA <sup>2</sup>
B CATENIN	CD71 <sup>2</sup>	FACTOR 8 (VIII) von Willebrand Factor	<b>M</b>	SMM
BCL-2 <sup>2</sup>	CD79a <sup>2</sup>	FUMARATE HYDRATASE <sup>1</sup>	MDM2 <sup>1</sup>	SOX-10 <sup>2</sup>
BCL-6 <sup>2</sup>	CD99 <sup>2</sup>		MELAN A <sup>2</sup>	SOX-11
Ber EP4	CD117 <sup>2</sup>	<b>G</b>	MLH 1-MMR <sup>2</sup>	STAT6 <sup>2</sup>
BOB-1	CD123	GATA3 <sup>2</sup>	MSH 2-MMR <sup>2</sup>	SYNAPTOPHYSIN <sup>2</sup>
BRAF <sup>2</sup>	CD138 <sup>2</sup>	GLUT-1	MSH 6-MMR <sup>2</sup>	SS18-SSX <sup>1</sup>
	CD163 <sup>2</sup>	GLUTAMINE SYNTHETASE	PMS 2-MMR <sup>2</sup>	
<b>C</b>	CDX2 <sup>2</sup>	GLYCOPHORIN A	MUC4 <sup>2</sup>	<b>T</b>
c4d	CEA <sup>2</sup>	GLYPICAN-3	MUC5AC <sup>2</sup>	TDT 2
CA125 <sup>2</sup>	CHROMAGRANIN A <sup>2</sup>	GRANZYME B <sup>2</sup>	MUM1 <sup>2</sup>	TFE3 2
CA-9	CK 5/6 <sup>2</sup>		MYELOPEROXIDASE	THYROGLOBULIN
CALCITONIN	CK 7 <sup>2</sup>	<b>H</b>	MYO D1 <sup>2</sup>	TIA 1
CALRETININ <sup>2</sup>	CK 8/18 <sup>2</sup>	H.CALDESMON <sup>1</sup>	MYOGENIN <sup>2</sup>	TRYPsin 1
CAM 5.2	CK 14	H.PYLORI <sup>2</sup>	MYOGLOBIN	
CATHEPSIN K <sup>2</sup>	CK 19 <sup>2</sup>	HCG	<b>N</b>	<b>V</b>
CD1A <sup>2</sup>	CK 20 <sup>2</sup>	HER-2/NEU	NKX3.1	VIMENTIN 2
CD2 <sup>2</sup>	CK 34BE12	HHV8	Napsin A <sup>2</sup>	WILMS TUMOUR-1 2
CD3 <sup>2</sup>	Pan Cytokeratin (MNF116) <sup>2</sup>	HMB45 <sup>2</sup>	<b>O</b>	SYNAPTOPHYSIN 2
CD4 <sup>2</sup>	CMV	HPV HIGH (16) ISH <sup>2</sup>	OCT 2	<b>RENAL ANTIBODIES</b>
CD5 <sup>2</sup>	C-myc <sup>2</sup>	HPV LOW (6) ISH <sup>2</sup>	OCT 3/4	IGG [RENAL]
CD7 <sup>2</sup>	COVID 19 <sup>1</sup>	HSA		IGA [RENAL]
CD8 <sup>2</sup>	CYCLIN D1 <sup>2</sup>	HSP 70 [F-3] <sup>1</sup>	<b>P</b>	IGM[RENAL]
CD10 <sub>2</sub>		HSV1	P16 <sup>2</sup>	CIQ [RENAL]

CD11c		HSV2	P53 <sup>2</sup>	C3C [RENAL]
CD14 <sup>2</sup>			P63 <sup>2</sup>	
CD15	D	I	Pax 5 <sup>2</sup>	IMMUNOFLUORESCENCE <i>Skin Only</i>
CD17 <sup>2</sup>	D2-40 (Podoplanin) <sup>2</sup>	IgG <sup>2</sup>	PAX 8	IGG
CD19	DDISH - Dual ISH DNA <i>CISH</i> <sup>2</sup>	IgG4	PD-1	IGM
CD20 <sup>2</sup>	DESMIN <sup>2</sup>	INHIBIN	PD-L1 (SP263) <sup>2</sup> <i>Companion Diagnostic</i>	IGA
CD21 <sup>2</sup>	DOG 1 <sup>2</sup>	INSULIN	PIN COCKTAIL <sup>2</sup>	C3C
CD23 <sup>2</sup>	DDIT3 <sup>2</sup>		PLAP <sup>2</sup>	FIBRINOGEN
CD25 <sup>2</sup>			PTEN <sup>2</sup>	

**Special Stains Repertoire:**

ALCIAN BLUE (AB)	MASSON BLUE TRICHROME (MBT)
ALCIAN BLUE/EVG (AB/EVG)	MASSON FONTANA (MF)
ALCIAN BLUE PAS/DPAS (ABPAS/DPAS)	OIL RED O (ORO)
CONGO RED (Apple Green Birefringence) (CR)	ORCEIN (Shikata's) (ORC)
MILLER'S ELASTIC VAN GIESON (EVG)	PERIODIC ACID SILVER (Methenamine Silver)( PAAg)
MILLER'S ELASTIC STAIN WITH PICRO SIRIUS RED (EPSR) <sup>2</sup>	PERIODIC ACID SCHIFFS +/- DIASTASE (PAS, DPAS)
GIEMSA/MODIFIED GIEMSA (GIEM/MOD GIEM)	PERLS PRUSSIAN BLUE (Iron) (FE)
GRAM	RETICULIN - GORDON AND SWEET (RETIC)
GROCOTT HEXAMINE SILVER (GROC)	TOLUIDINE BLUE (TB)
HAEMATOXYLIN AND EOSIN (HE, H&E)	VON KOSSA (VK)
HAEMATOXYLIN VAN GIESON (HVG)	WADE FITE (WF)
MARTIUS SCARLET BLUE (MSB)	ZIEHL-NEELSON (ZN)

**<sup>1</sup> Research Use antibodies**

These antibodies are research use only (RUO) antibodies that have clinical utility. These antibodies have been verified in our department under rigorous internal quality control standards and protocols, however, the expected staining characteristics have not been formally validated by the manufacturer. We are committed to using CE-IVD methodologies whenever possible and update our antibody stock when these become available. The results of the staining with these antibodies are never reported in isolation and are used as an adjunct to diagnosis with CE-IVD antibodies and clinical considerations.

## **<sup>2</sup> Out of Scope UKAS/ISO 15189:2012 accreditation (United Kingdom Accreditation Service)**

As a dynamic department, that continually seeks to improve for the benefit of patients, there are a number of tests and processes that are being developed or amended between accreditation visits.

This can arise due to:

- new tests becoming available
- recommendations for use by a professional body (such as the RCPATH), NICE or within a peer reviewed paper
- service development projects.

Until they have been officially added to scope by the UKAS, tests and processes that have recently been added to or amended within the department's repertoire are not accredited by UKAS. These tests have been introduced following the department's rigorous procedures of, validation and verification, but have not yet been officially accredited by UKAS. These will be submitted to UKAS as an extension to scope as appropriate.

The current **scope of accreditation** can be found on the UKAS website: **Laboratory Reference 8130**