

Materials List for:

## Determination of Protein Expression Level in Cultured Cells by Immunocytochemistry on Paraffin-embedded Cell Blocks

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### Materials

Name	Company	Catalog Number	Comments
HeLa Cells	ATCC	HeLa (ATCC CCL-2)	
Ki-67 Antibody	Thermo Fisher Scientific	RM-9106-S1	
Paraffin	Leica	39601006	
Xylene	Fisher Scientific	1330-20-7,100-41-4	
Ethanol	GD Chem	DJ16016	
Hematoxylin	Agilent	10118581	
DAB Quanto Kit	Thermo Fisher Scientific	TA-125-QHDX, QHCX 170405	
Ultravision LP detection Kit	Thermo Fisher Scientific	PBQ141209, LPB141209, LPH141210	Kit for immunocytochemistry; contains protein block
TintoRetriever Pressure Cooker	Bio SB Corporation	BSB 7008	
Tris-buffered saline	iNtRON Biotechnology	IBS-BT008	
Tween 20	USB Corporation	115106	
Thromboplastin	Neoplastin CI Plus	NC0591432	
Tris-EDTA retrieval Buffer	Dignostic Biosystem	E625-A	
Trypsin EDTA	Thermo Fisher Scientific	25200056	
Fetal bovine serum (FBS)	Hyclone Laboratories Inc	SH30910.03	
DMEM	Hyclone Laboratories Inc	SH30243.01	
Antibiotic-Antimycotic, 100X	Thermo Fisher Scientific	15240062	
Ultra vision peroxide block H <sub>2</sub> O <sub>2</sub>	Thermo Fisher Scientific	02Q141212	
Mounting Medium	Thermo Fisher Scientific	363313	
Pap-Pen	Vector Laboratories	H-4000	
Filter Paper	GE Healthcare Life Sciences	1001-0155	
Calcium Chloride	Sigma-Aldrich	21115-100ml	
Phosphate-buffered saline	PAA Laboratories	H21-002	
Formalin	Daejung	50-00-0	
15 ml tube	SPL Life Sciences	50015	
tissue processing cassette	Simport	M492-5	
100 mm culture dishes	BD Biosciences	08-772E	
Glass Slide	Muto Pure Chemicals	140712	
Cover Glass	Marienfeld	2262817	
Glass Zar	Hyunil Lab-Mate	HIP-1027	
Centrifuge	Eppendorf	5810R	
Class II Laminar Flow Hood	Thermo Fisher Scientific	1300 series A2	

CO <sub>2</sub> Incubator	Thermo Fisher Scientific	Series A2	
Tissue Processor	Leica BioSystem	TP1020	
Microtome	Thermo Fisher Scientific	HM340E	
Microscope	Olympus	CX-21	
Paraffin embedding station	Thermo Fisher Scientific	EC 350-1, EC 350-2	
Tissue Section Bath (Round)	CellPath	HCP-JAW-0100-00AEU	
Fume Hood	Hanyang Scientific Equipment Co. Ltd.	FH-150	