

**Materials List for:**

# Organ Culture and Whole Mount Immunofluorescence Staining of Mouse Wolffian Ducts

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## Materials

Name	Company	Catalog Number	Comments
24-well plates	Corning, USA	3524	can be purchased from other vendors
Hank's Balanced Salt Solution (HBSS)	GE Healthcare Life Sciences, USA	SH30031.02	can be purchased from other vendors
Dulbecco's Modified Eagle Medium: Nutrient Mixture F-12 (DMEM/F12)	Sigma, USA	D8437	Warm in 37 °C water bath before use
Fetal Bovine Serum (FBS)	Interpath, Australia	SH30034.02	10% FBS used in culture medium
L-Glutamine	GE Healthcare Life Sciences, USA	SH30034.01	1% concentration used
Penicillin/Streptomycin	Gibco, USA	15070-063	1% concentration used
Whatman Nuclepore Polycarbonate Track-Etch	Whatman, USA	110409	Membrane (0.8 µm)
IWR1	Sigma, USA	10161-5mg	100 µM concentration used
Paraformaldehyde (PFA)	Electron Microscopy Sciences, USA	15710	16% stock, 4% in PBS for use. TOXIC - wear gloves and cannot be disposed of in the sink
Ethanol	Thermo Scientific Fisher, USA	214-20L PL	Absolute, make 25, 50 and 75% with milliQ water.
Tween-20	Thermo Scientific Fisher, USA	2509-500ml	Very viscous, careful while dispensing
Triton X-100	Sigma, USA	T8787-50ml	Very viscous, careful while dispensing
Di-Sodium Hydrogen Phosphate	Thermo Scientific Fisher, USA	621-500mg	can be purchased from other vendors
Sodium Di-hydrogen Phosphate	Ajax Finechem, USA	4745-500g	can be purchased from other vendors
Sodium Chloride	Thermo Scientific Fisher, USA	465-500g	can be purchased from other vendors
Cytokeratin8/Troma I	Developmental Studies Hybridoma Bank, USA (DHSB)	TROMA-I	1:250 in blocking buffer
active βcatenin	Cell Signalling Technology, USA	D13A1	1:200 in blocking buffer
phospho-Histone 3	Millipore, MA, USA	06-570	1:200 in blocking buffer
Alexa488 Goat anti-rabbit IgG	Jackson ImmunoResearchLabs, USA	111-545-047	1:250 in blocking buffer
Alexa594 Goat anti-Rat IgG	Jackson ImmunoResearchLabs, USA	112-585-072	1:250 in blocking buffer
Glycerol	Thermo Fisher Scientific, USA	242-500ml	can be purchased from other vendors
n-Propyl galate	Sigma, USA	2370	-

2-(4-amidinophenyl)-1H -indole-6-carboxamide (DAPI)	Sigma, USA	D9564-10mg	Use to stain nucleic acids (DNA)
Dimethyl sulfoxide (DMSO)	Thermo Fisher Scientific, USA	2225-500ml	Solvent
Cover Slips (24 x 50 mm)	Lomb Scientific	CS24501GP	-