

# Analysis of Side Population in Solid Tumor Cell Lines

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## Materials

Name	Company	Catalog Number	Comments
6 well cell culture plate	CORNING	3516	9.5 cm <sup>2</sup> (approx.)
Colivelin	MCE	HY-P1061A	Ser-Ala-Leu-Leu-Arg-Ser-Ile-Pro-Ala-Pro-Ala-Gly-Ala-Ser-Arg-Leu-Leu-Leu-Leu-Thr-Gly-Glu-Ile-Asp-Leu-Pro
Fetal bovine serum (FBS)	Biological Industries (BIOIND)	04-001-1ACS	
Flow cytometer	BD Biosciences		BD LSRFortessa
Flow cytometer software	BD Biosciences		FACSDiva
Flow cytometry analysis software	BD Biosciences		FlowJo
Hoechst 33342	Sigma-Aldrich	B2261	bisBenzimide H 33342 trihydrochloride
Polystyrene round bottom test tube	CORNING	352054	12 x 75 mm, 5 mL
Propidium iodide (PI)	Sigma-Aldrich	P4170	3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6-phenylphenanthridinium diiodide
Reserpine	Sigma-Aldrich	83580	(3β, 16β, 17α, 18β, 20α)-11,17-Dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]yohimban-16-carboxylic acid methyl ester
SKLB816	Provided by Dr. Shengyong Yang, Sichuan University		
Trypsin-EDTA (0.25%), phenol red	Gibco	25200072	
Verapamil hydrochloride	Sigma-Aldrich	V4629	5-[N-(3,4-Dimethoxyphenylethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropylvaleronitrile hydrochloride