



Figure S1. Dose response curves for ethanol control. Cells were treated with isovolumetric percentages of ethanol compared to volumes of local anesthetics utilized in the dose response experiments.

Table S1. IC₅₀^a values for local anesthetics by cell line

		Local Anesthetic		
		Lidocaine	Bupivacaine	Procaine
Tissue type	Cell Line	IC ₅₀ (mM)	IC ₅₀ (mM)	IC ₅₀ (mM)
Ovarian cancer	KURAMOCHI	7.56	2.16	NR ^b
Ovarian cancer	OVCAR3	5.56	1.35	24.44
Ovarian cancer	OVCAR5	6.01	NR	10.34
Ovarian cancer	OVSAHO	6.59	0.81	3.12
Breast cancer	T47D	5.56	NR	3.24
Choriocarcinoma	JEG 3	4.18	3.14	3.53
Choriocarcinoma	JAR	3.50	0.58	3.05
Fibroblast	BJ	11.38	0.96	8.04
Fibroblast	WI38	5.44	3.16	10.71

^a IC₅₀ – Half maximal inhibitory concentration

^bNR – not reached

^c – IC₅₀ values for benzocaine not reached