

Supporting Information

Identification and Distinction of Non-small-cell Lung Cancer Cells by Intracellular SERS Nanoprobes

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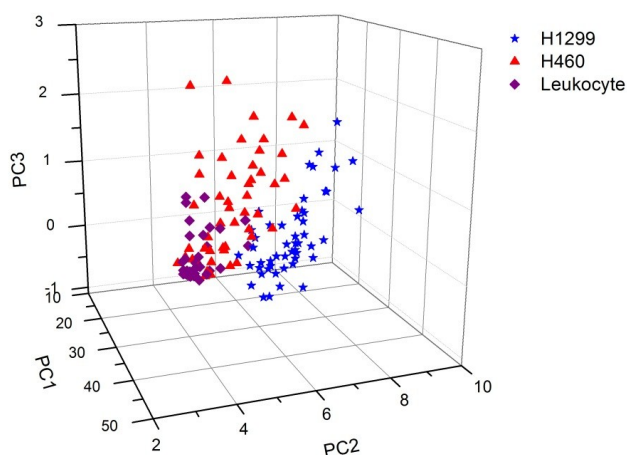


Figure S1 Principal component analysis (PCA) of three types of cells (H1299, H460, leukocyte). PCA scores are analyzed and plotted in the spectral region 550-1800 cm^{-1} . Each spot represents one cell and each cell type is coded by different colors and shapes (PC1: 84.42%, PC2: 6.69%, PC3: 2.07%).

Table S1 Confusion table for individual cells of the SVM classification model. On the single-cell level an overall accuracy of 100% can be achieved.

		Predicted labels			
		Leukocytes	A549	H1299	H460
True labels	Leukocytes	50	0	0	0
	A549	0	50	0	0
	H1299	0	0	50	0
	H460	0	0	0	50