

[Supplement Material]

Kim *et al.*

Cell-matrix adhesion dynamics using surface plasmon resonance imaging ellipsometry

Supplementary Table 1. Parameters used for the simulation of normalized intensity as a function of cell-matrix distance in Figure 1C.

Parameter	Value	Description
n_P	1.7367	Refractive index of SF10 prism
n_G	$0.467 - i 2.4075$	Refractive index of gold film
d_G	30 nm	Thickness of gold film
n_E	1.45	Refractive index of extracellular matrix
n_M	1.333	Refractive index of medium
d_M	0 ~ 150 nm	Distance between cell membrane and gold surface
n_C	1.36	Refractive index of cell
P	-14.65°	Azimuth angle of polarizer
C	45°	Azimuth angle of compensator
A	8.65°	Azimuth angle of analyzer