SUPPLEMENTAL MATERIAL

Oskeritzian et al., http://www.jem.org/cgi/content/full/jem.20091513/DC1

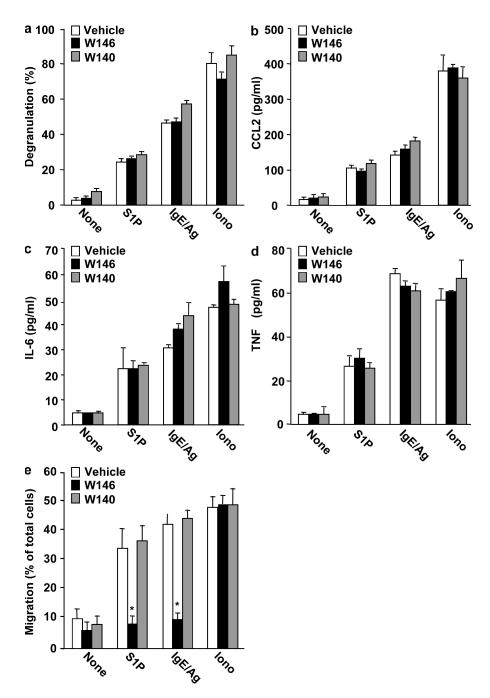


Figure S1. S1P₁ selective antagonist suppresses migration of human Sk-MCs toward S1P and Ag. Sk-MCs were stimulated with vehicle, 100 nM S1P, or 1 μ M ionomycin, or sensitized overnight with IgE, and then stimulated with 30 ng/ml Ag for 2 h. Where indicated, Sk-MCs were pretreated for 30 min with vehicle, 1 μ M W146, or W140 before stimulation. Degranulation (a) and secretion of CCL2 (b), IL-6 (c), and TNF (d) were measured. (e) Duplicate cultures were allowed to migrate in transwell chambers toward vehicle, 100 nM S1P, 30 ng/ml Ag, or 20 μ g/ml fibronectin for 24 h. Data are expressed as the percentage of migrating cells and are the means \pm SD of triplicate determinations. Similar results were obtained in three independent experiments. *, P < 0.01.

JEM S1