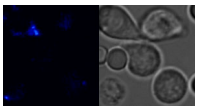
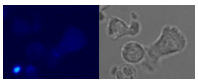
SUPPLEMENTAL MATERIAL

Gagnon et al., http://www.jem.org/cgi/content/full/jem.20120790/DC1



Video 1. WT B-A8 T cells were labeled with calcium probe Fluo-4AM and treated with 50 µM PP2 treatment. Cells were then stimulated with HA-DR4/ICAM-1 lipid beads ± PP2. Calcium flux was imaged during bead stimulation on an inverted Nikon-TE microscope through a 20× S-Fluor NA 0.75 air objective. Images were acquired using a 14-bit Clara Interline High-Resolution CCD Camera (Andor Technology) at 10-s intervals for a total of 10 min using the GFP filter and a 200-ms exposure. Typical cells for each condition are shown (n = 3; 20 cells per experiment).



Video 2. WT B-A8 T cells were labeled with calcium probe Fluo-4AM and not treated with 50 µM PP2 treatment. Cells were then stimulated with HA-DR4/ICAM-1 lipid beads ± PP2. Calcium flux was imaged during bead stimulation on an inverted Nikon-TE microscope through a 20× S Fluor NA 0.75 air objective. Images were acquired using a 14-bit Clara Interline High-Resolution CCD Camera (Andor Technology) at 10-s interval for a total of 10 min using the GFP filter and a 200-ms exposure. Typical cells for each condition are shown (n = 3; 20 cells per experiment).