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Confocal IF images of Phospho-p44/42 MAPK (Thr202/Tyr204) (E10) #9106 Mouse mAb (green) and Phospho-Akt (Ser473) (193H12) Rabbit mAb #4058 (red) in C6 rat glioma cells treated with LPA as indicated. LPA induces cytoplasmic and nuclear phospho-p44/42 MAPK signal and cytoplasmic and membrane phospho-Akt signal. Addition of MEK inhibitor U0126 #9903 or PI3K inhibitor LY294002 #9901 completely blocks activation of phospho-p44/42 MAPK or phospho-Akt, respectively. Blue pseudocolor = DRAQ5™ (fluorescent DNA dye).
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Human monocytes labeled with NF-κB FITC (top) and 7-AAD (bottom) were imaged in flow. Twelve of 10,000 cells are shown. The values beneath each image pair quantitate the degree of NF-κB translocation.
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Legend  Jurkat T-cells were stimulated with anti-TCRb chain antibody, C305, or with an isotype-matched negative control antibody for 2 minutes. 10µg of lysates from each stimulation condition were analyzed using the Beadlyte® 7-Plex Human T-Cell Receptor Signaling Kit – Phosphoprotein (cat. #48-690). Results represent the average and standard deviation of three replicate wells.
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