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**Legend**
Jurkat T-cells were stimulated with anti-TCRβ 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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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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Dr. High is an Investigator of the Howard Hughes Medical Institute. The laboratory is located at The Children’s Hospital adjacent to the campus of the University of Pennsylvania and the Wistar Institute.

If interested in any of these positions, please send complete curriculum vitae, with reference contact info, to Junwei Sun, at sunj@email.chop.edu.

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