

Figure S1. Cell viability determined by MTT assay of human intestinal mast cells (hiMC) following treatment with resveratrol. Cells were incubated with 1, 5, 10, 25, 50 and 100 μ M resveratrol and the corresponding DMSO control for 24h. After incubation, MTT assay was conducted. Absorbance in percent of the DMSO control is shown (n = 3).

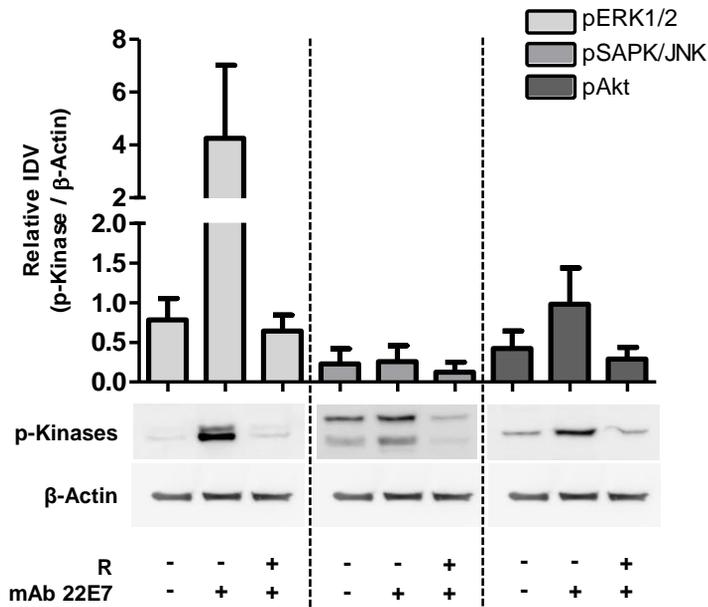


Figure S2. IgE-mediated phosphorylation of extracellular signal-regulated kinase (ERK1/2), stress-activated protein kinases (SAPK)/Jun amino-terminal kinases (JNK) and protein kinase B (Akt) in hiMC following treatment with resveratrol. Western Blot analyses of phosphorylated ERK1/2, phosphorylated SAPK/JNK and phosphorylated Akt in hiMC (n = 2). HiMC were treated with 50 μ M resveratrol (R) or corresponding concentration of vehicle DMSO (control) before stimulation by Fc ϵ RI cross-linking using 100 ng/ml mAb 22E7 for 5 min. Representative pictures and densitometric analyses in relation to β -actin are shown. Values are mean \pm SEM.