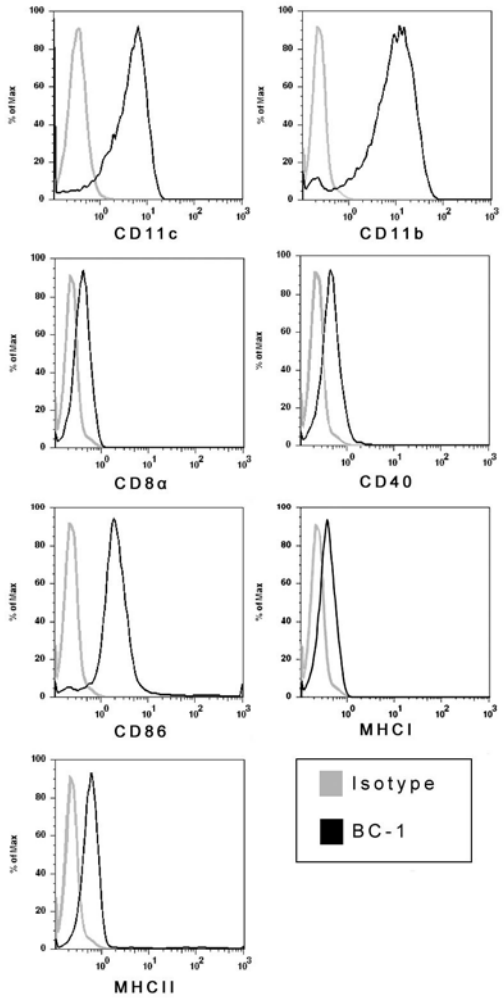

Fig. S1. Expression of surface markers on BC-1 DCs. The cells were stained with the antibodies mentioned in Experimental procedures or with the appropriate isotype control antibodies. Data were acquired by flowcytometric measurement of a total of $3x10^4$ cells per sample.

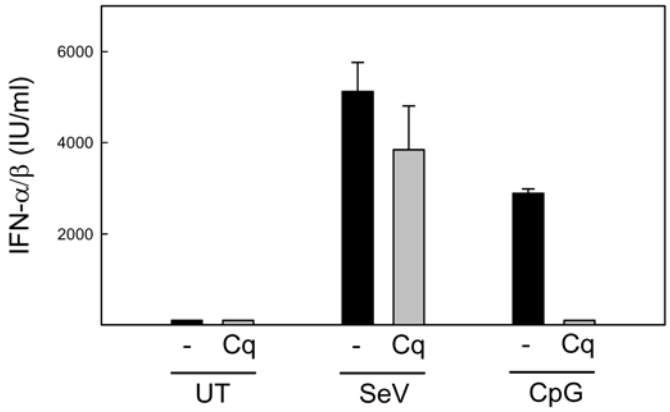

Fig. S2. Role of endosome maturation in SeV-induced type I expression. BC-1 DCs were treated with chloroquine (0.1 mM) 30 min prior to infection with SeV at MOI 1 or stimulation with CpG (1 µM ODN1826). Cell culture supernatants were collected 12 h after infection and levels of bioactive type I IFN were determined. The data is shown as means of triplicates +/- st.dev. UT, untreated cells; Cq, chloroquine; CpG, ODN1826.

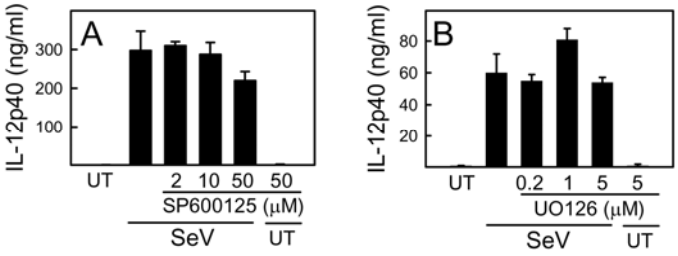

Fig. S3. Role of the JNK and MEK1/2-ERK pathways in SeV-induced IL-12 p40 production. BC-1 DCs were incubated in the presence of SP600125 (JNK inhibitor) or UO126 (MEK1/2 inhibitor) in the indicated doses for 30 min prior to infection with SeV at MOI 1. Cell culture supernatants were collected 12 h after infection and IL-12 p40 levels were determined. The data is shown as means of triplicates +/- St.dev. UT, untreated cells.

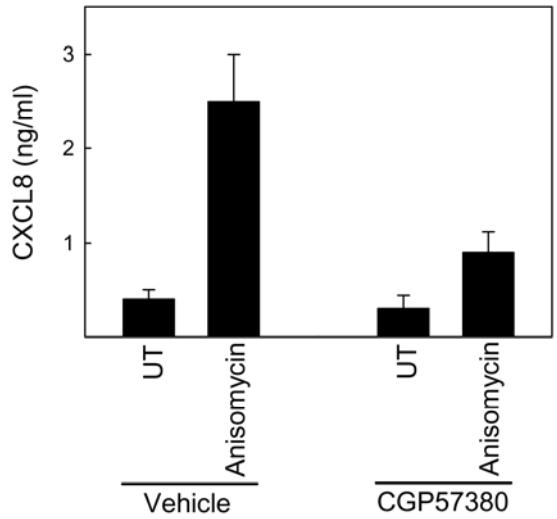

Fig. S4. Inhibition of MNK1 in HeLa cells. The cells were incubated in the presence of 30 µM CGP57380 (MNK1 inhibitor) for 30 min prior to stimulation with 0.4 µg/ml of anisomycin or vehicle control (DMSO). Cell culture supernatants were collected 18 h after infection and levels of CXCL8 were determined. The data is shown as means of triplicates +/- St.dev. UT, untreated cells.

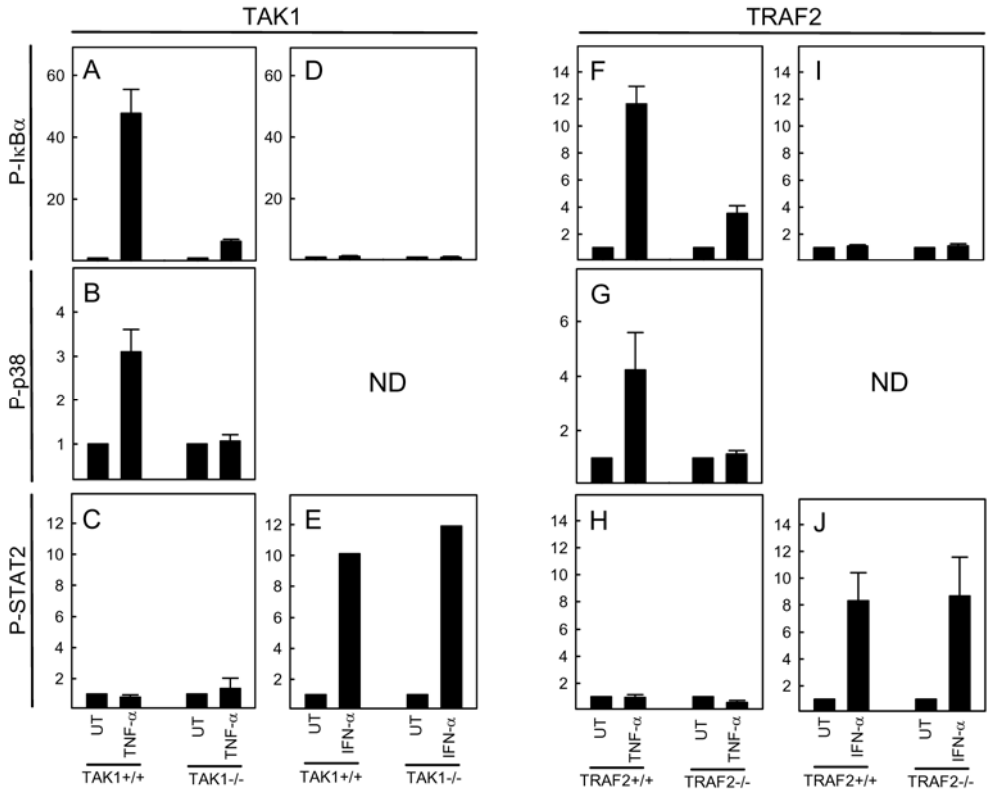

Fig. S5. Phosphorylation of IκBα, p38, and STAT2 in response to TNF-α and IFN-α, dependence on TAK1 and TRAF2. (A-E) TAK1+/+ and TAK1-/- cells or (F-J) TRAF2+/+ and TRAF2-/- cells were treated with TNF-α (25 ng/ml) or IFN-α (100 U/ml) as indicated. After 30 min of stimulation cell lysates were prepared and phosphorylation of IκBα, p38, and STAT2 was measured by Luminex. All data except panel E is shown as means of triplicates +/- St.dev. UT, untreated cells. ND, not done.