

Figure S1. Evaluation for the levels of the cytokines in supernatants from macrophages under the stimuli. Cytokines were evaluated using ELISA Kits from R&D system, Con; control, LPS; lipopolysaccharide, Ext; extract, Cor; cordysepin, ns; not significant, ($P < 0.05$)

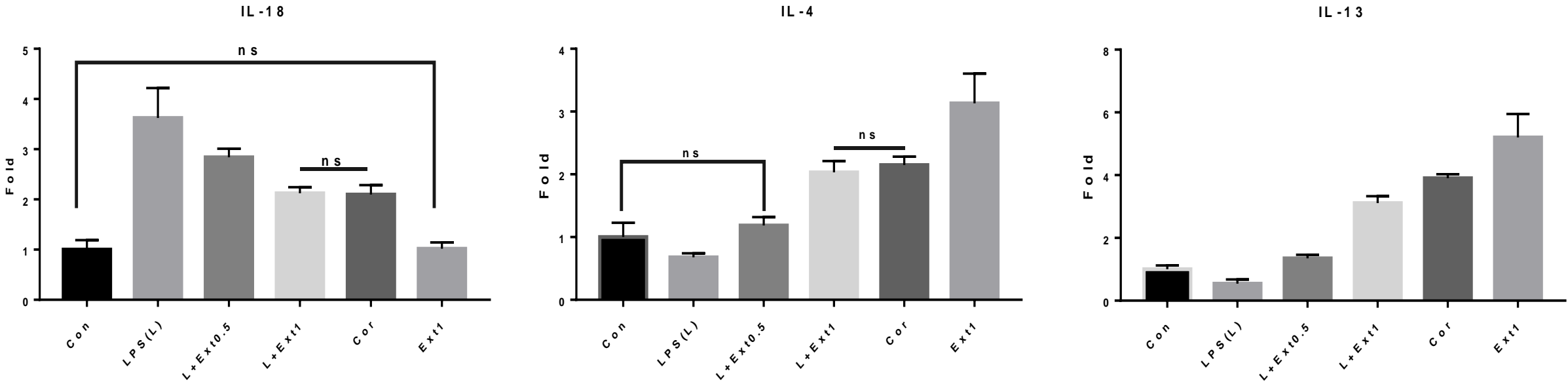


Figure S2. Evaluation for the levels of the makers from macrophages under the stimuli. The levels of the markers were evaluated using qPCR, Con; control, LPS; lipopolysaccharide, Ext; extract, Cor; cordysepin, ns; not significant, ($P < 0.05$)

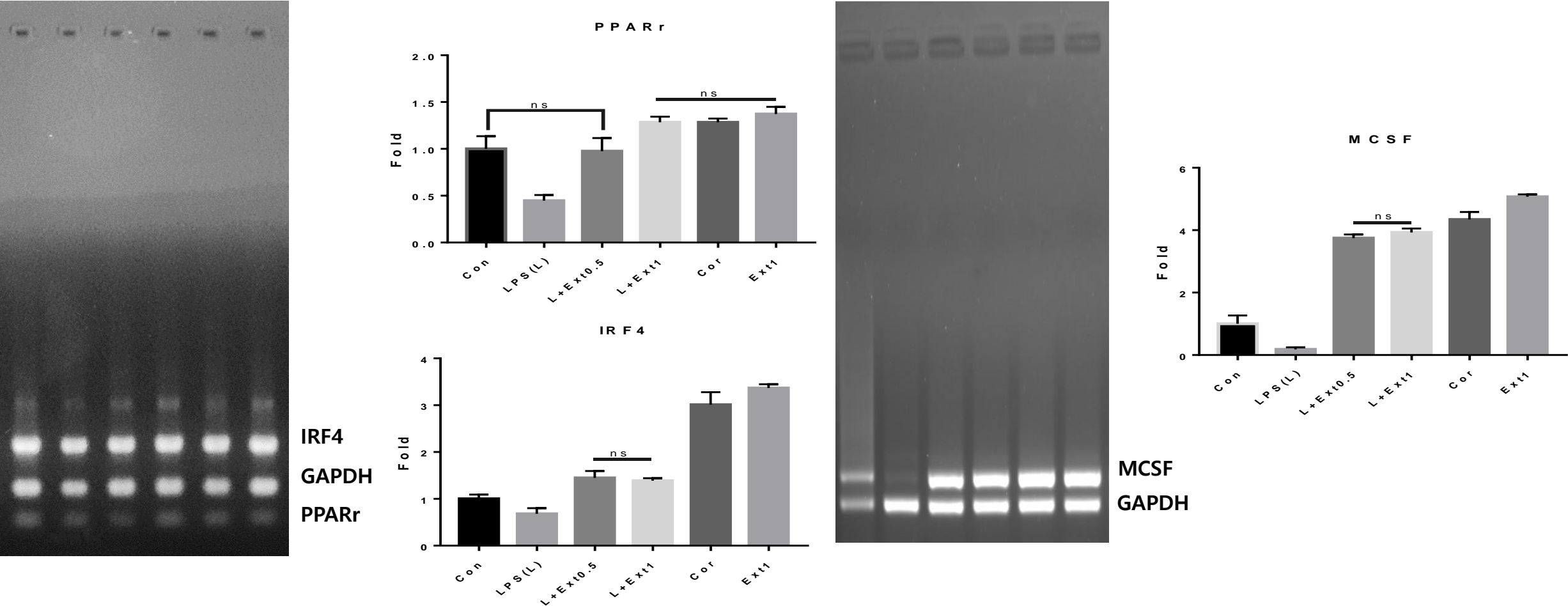


Figure S2. Evaluation for the levels of the makers from macrophages under the stimuli.

The levels of the markers were evaluated using qPCR, Con; control, LPS; lipopolysaccharide, Ext; extract, Cor; cordysepin, ns; not significant, ($P < 0.05$)

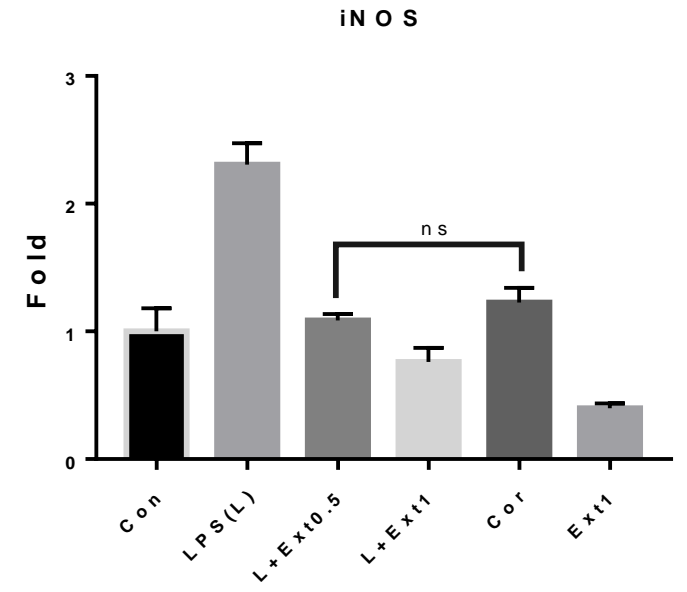
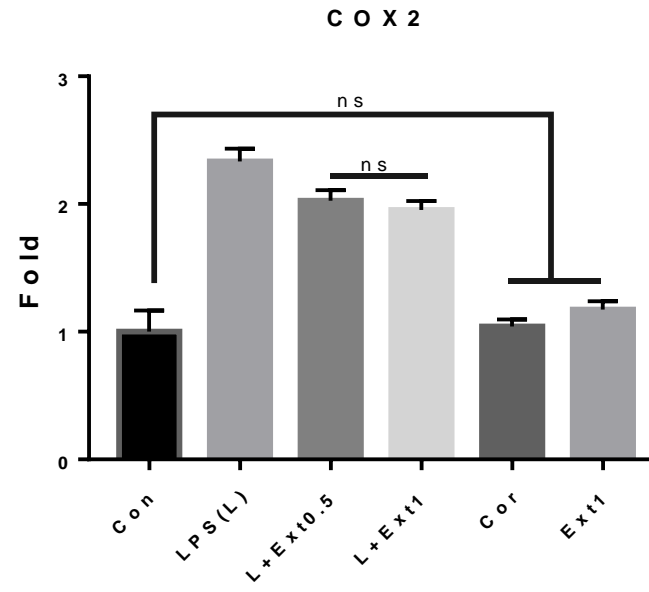
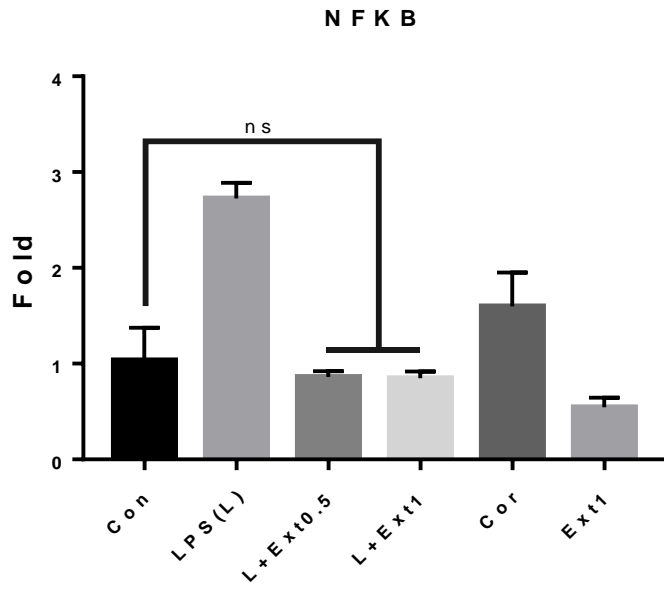
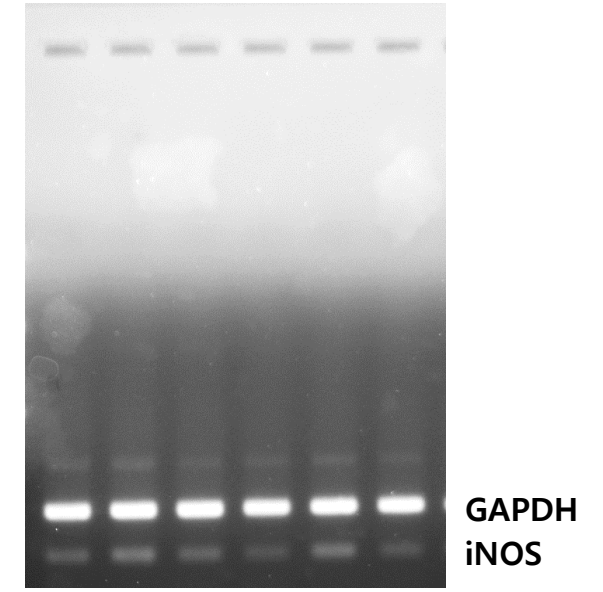
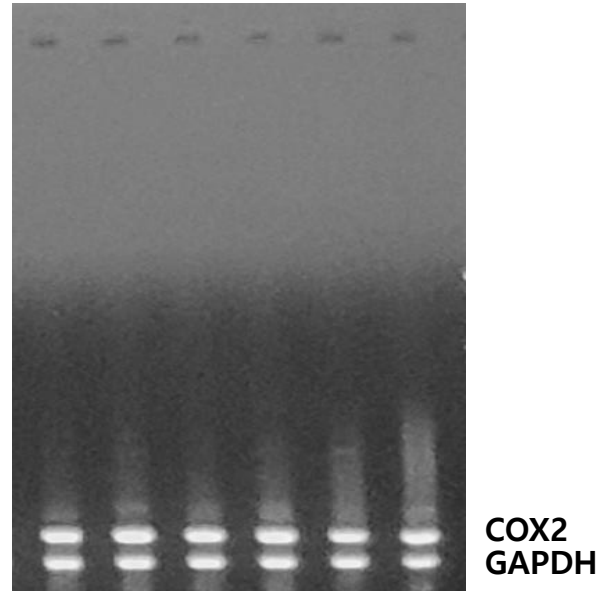
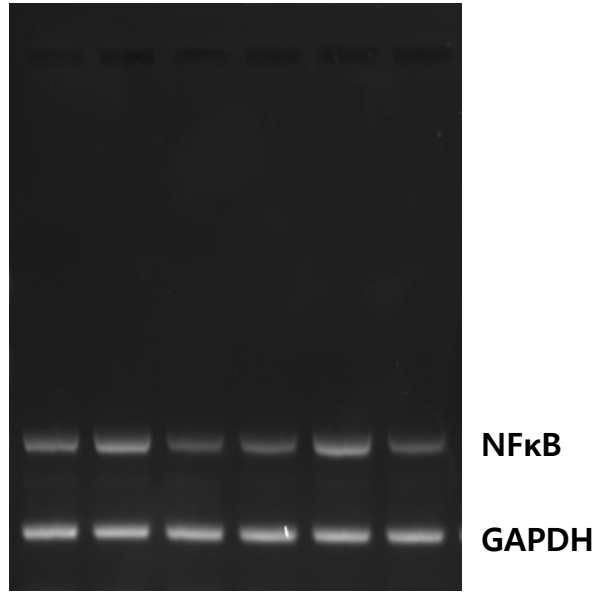


Table S1. The list of primers for qPCR

Gene	Sequence
<i>iNOS</i> (Nitric oxide synthase)	F: 5'-ACTAGGGGCACCTCCATCACT
	R: 5'-TAATGGGGAGCGCAAAGTCT
<i>COX2</i> (cytochrome c oxidase subunit II)	F: 5'-AACCGAGTCGTTCTGCCAAT
	R: 5'-CTAGGGAGGGGACTGCTCAT
<i>NFKB</i> (nuclear factor-kappa B)	F: 5'-GCGGGAAGTGCAGATTTTCG
	R: 5'-ACGGGTCCTCATCTCACTCA
<i>PPARγ</i> (peroxisome proliferator-activated receptor gamma)	F: 5'-GACGCGGAAGAAGAGACCTG
	R: 5'-TCACCTTGTCGTCACACTCG
<i>MCSF</i> (macrophage colony-stimulating factor)	F: 5'-GAGCTGGAAGGAGGATCAGC
	R: 5'-TGGTGAGGGGTCATAGAATCC
<i>IRF4</i> (Interferon regulatory factor 4)	F: 5'-GGCTCCTGGAATCCCCATTGA
	R: 5'-CAGAGTCACCTGGAATCTCGG
<i>GAPDH</i> (Glyceraldehyde 3-phosphate dehydrogenase)	F: 5'-GCCTCGTCCCGTAGACAAAA
	R: 5'-GCAACAATCTCCACTTTGCCA

Figure S3. Results for cellular viability under extracts using MTT assay

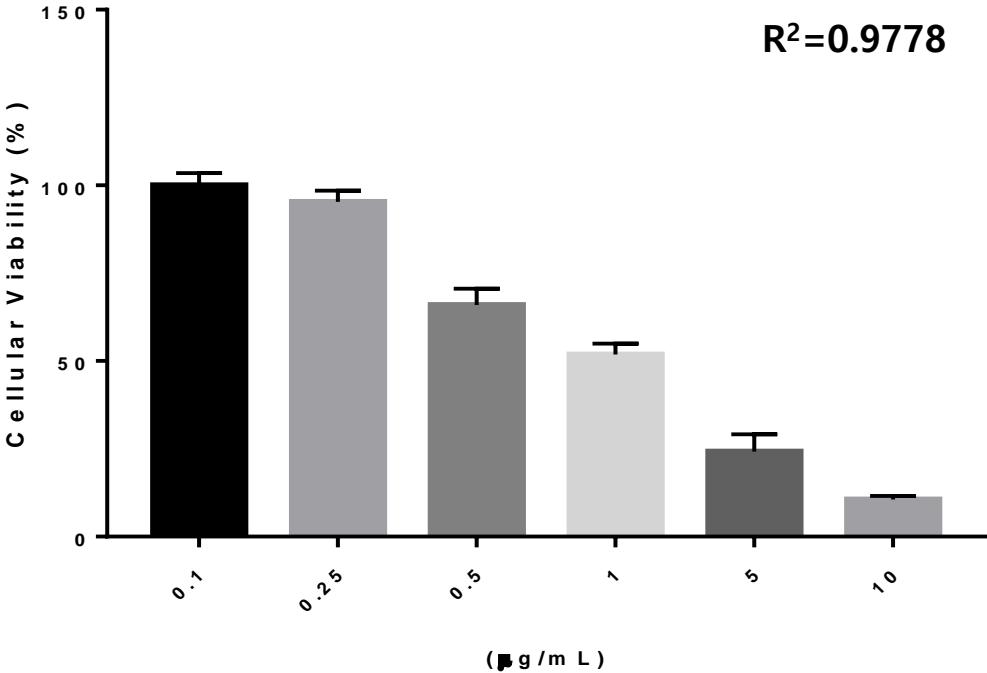


Figure S4. FSC/SSC data for Figure 4

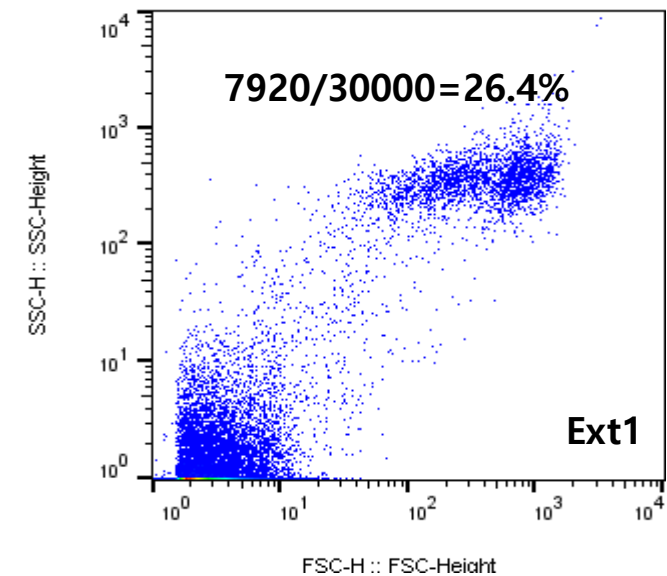
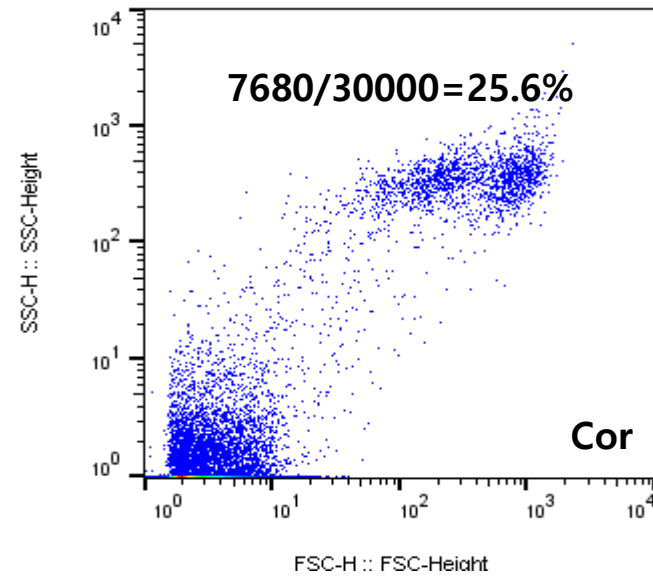
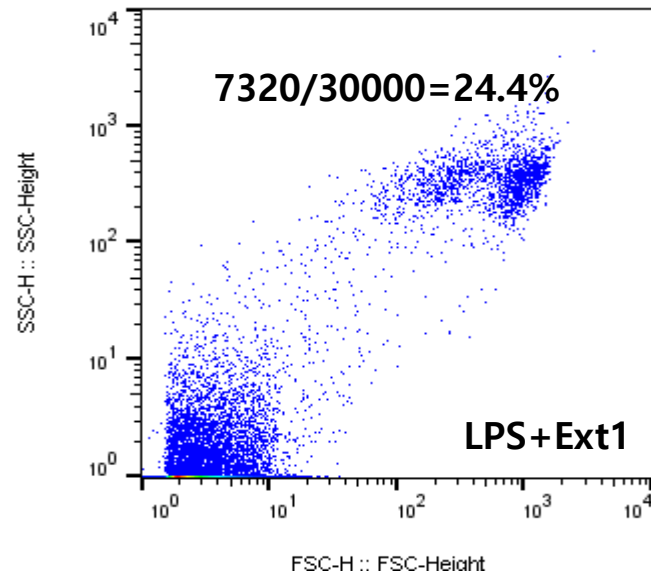
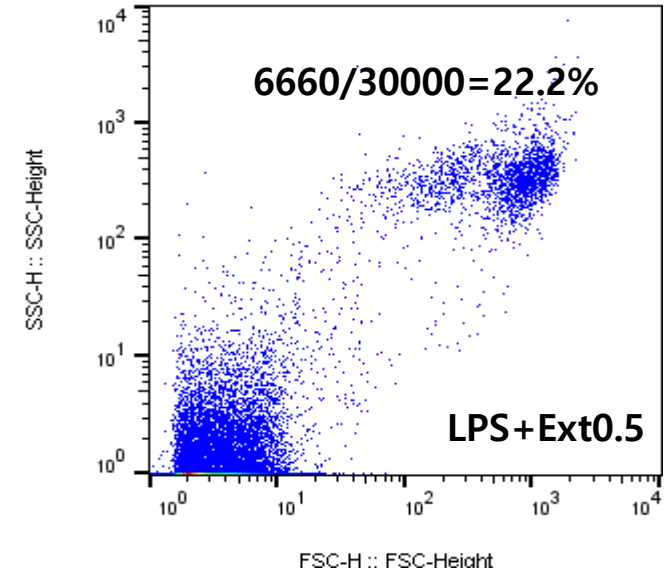
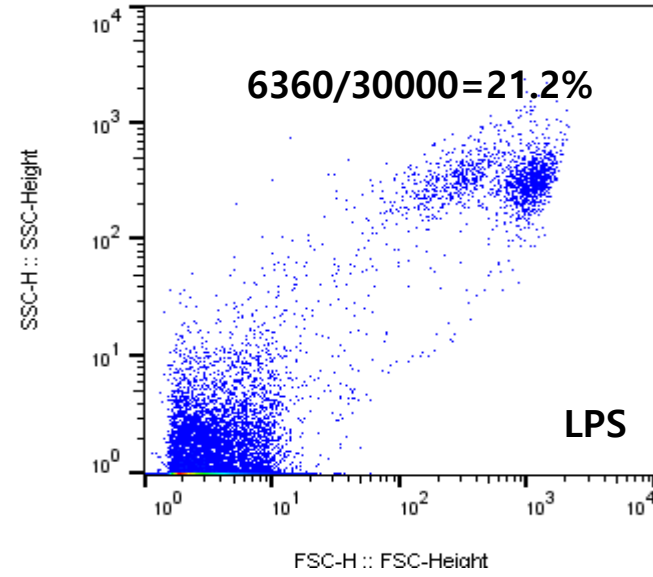
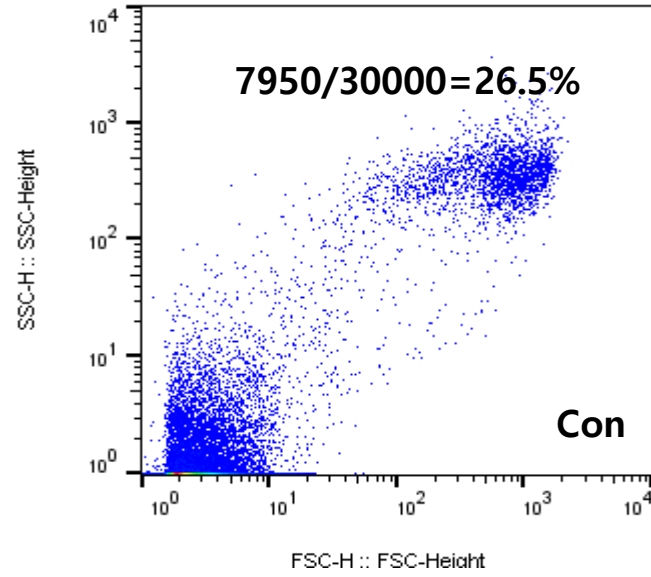


Figure S5. FSC/SSC data for Figure 5

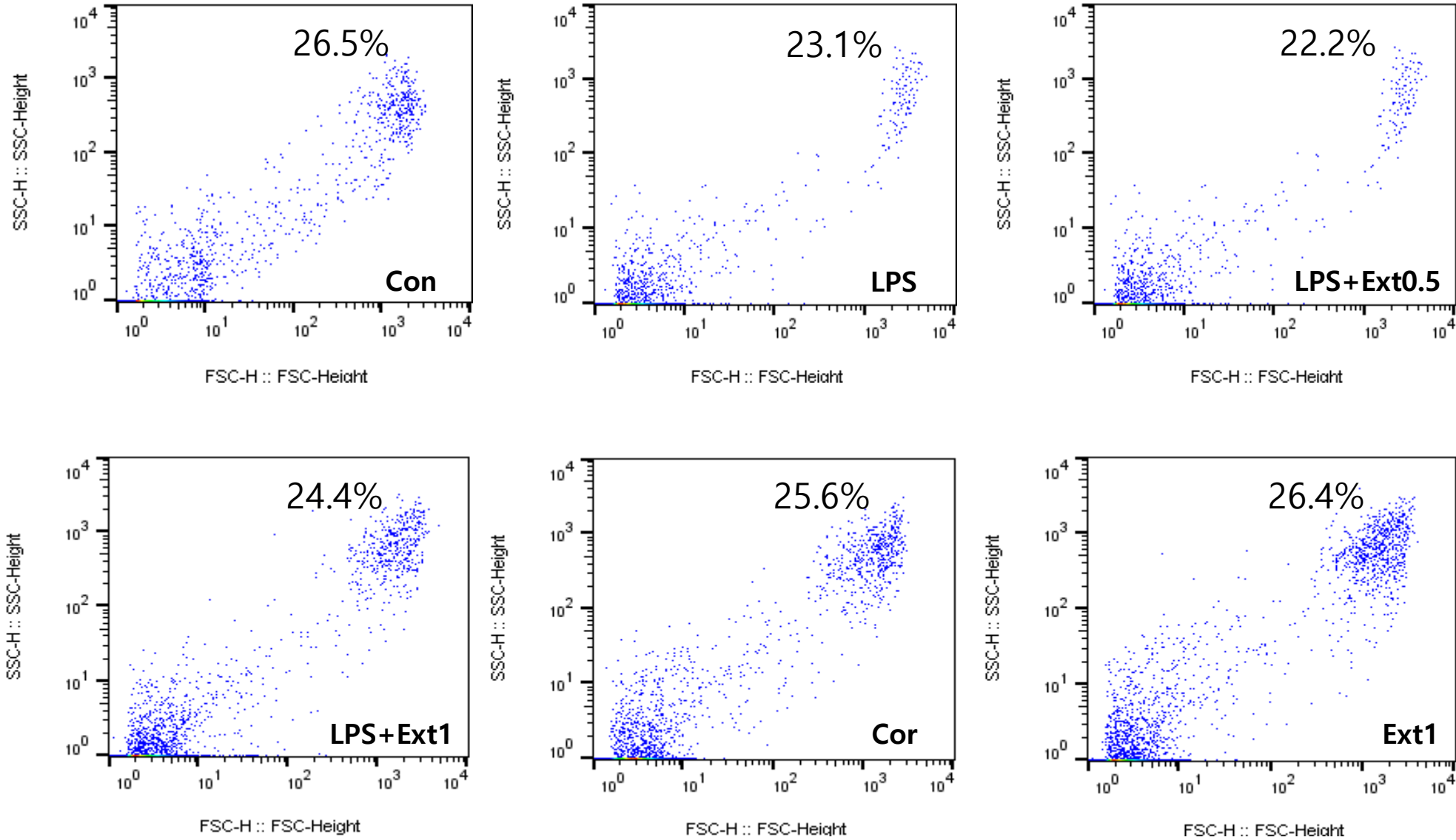


Figure S6. FSC/SSC data for Figure 6

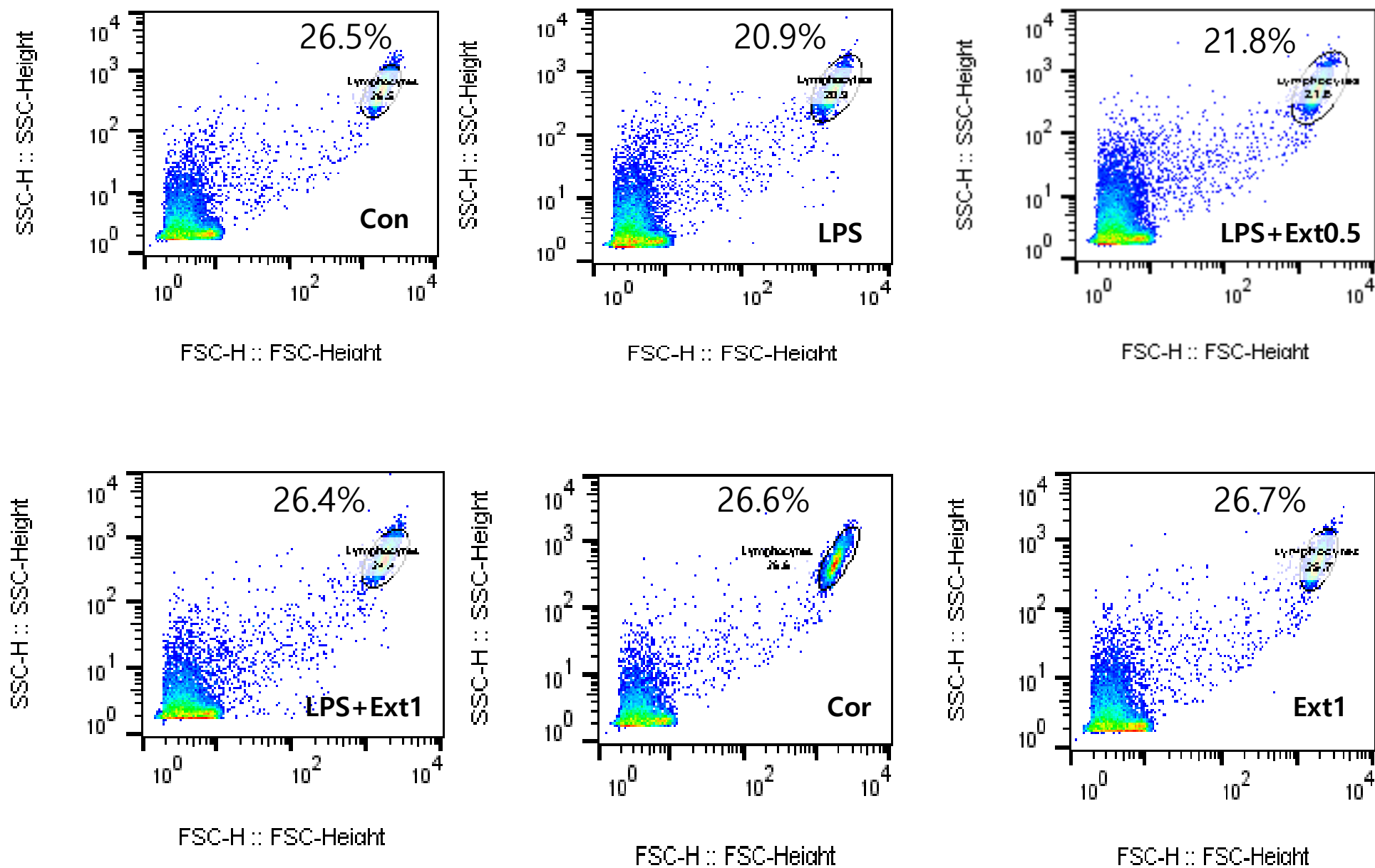


Figure S7. Comparison of CD3/CD28 and the extract stimulation for differentiation of T cells
To estimate differentiating capacity of the extract, the results of reference were evaluated using Dynabeads, CD3/CD28 (ThermoFisher scientific). PC; reference (Dynabeads), NC; negative control, ($P < 0.05$)

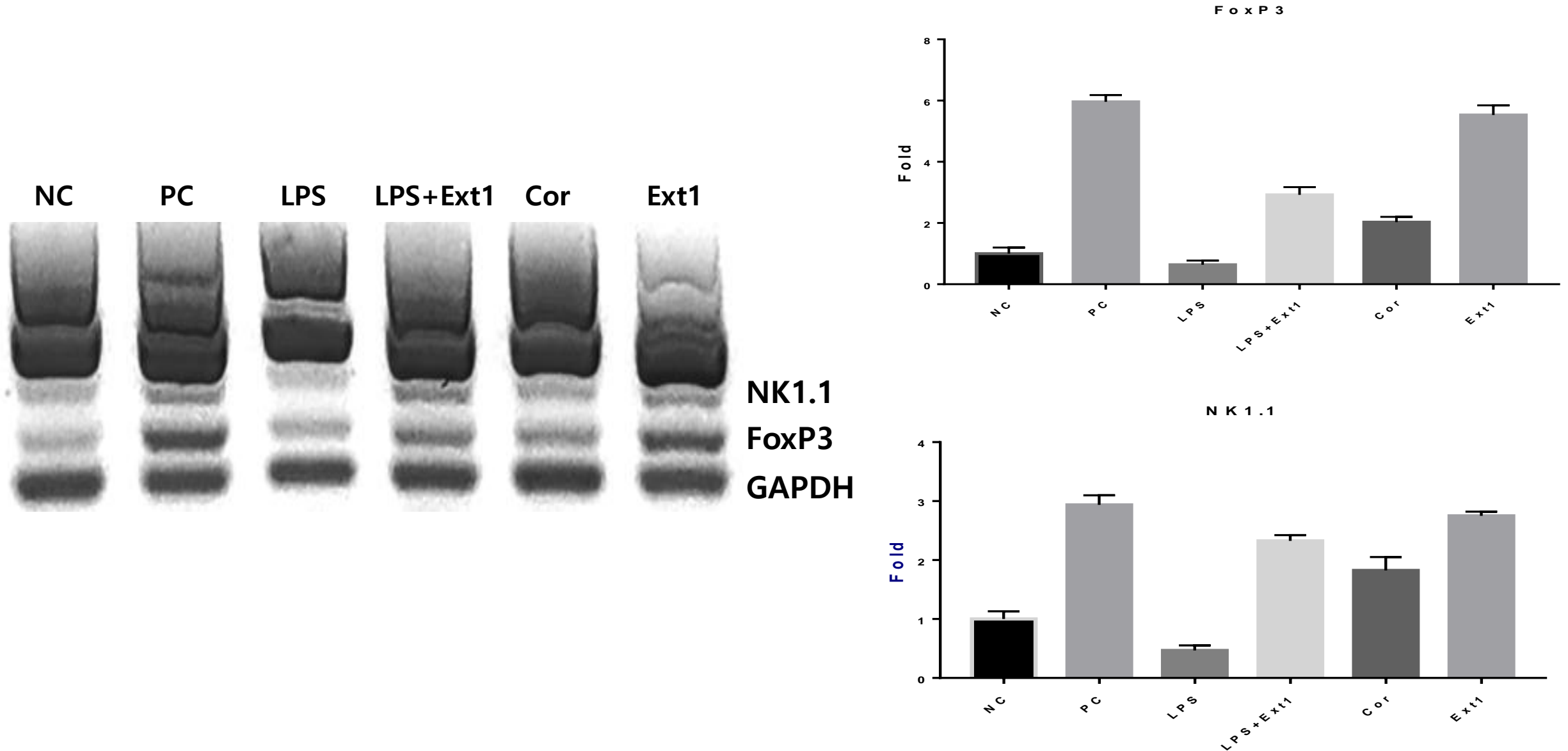


Figure S7. Comparison of CD3/CD28 and the extract stimulation for differentiation of T cells
 To estimate differentiating capacity of the extract, the results of reference were evaluated using Dynabeads, CD3/CD28 (ThermoFisher scientific). PC; reference (Dynabeads), NC; negative control, ($P < 0.05$)

Gene	Sequence (5' -> 3')	
<i>FoxP3</i>	F	GAGCAGAATCCATGTGCAAG
	R	GTCAGAGGCAGGCTGGATAA
<i>NK1.1</i>	F	CAGGAATCAGTGGGTGTGGG
	R	CAGGAATCAGTGGGTGTGGG
<i>GAPDH</i>	F: 5'-GCCTCGTCCCGTAGACAAAA	
	R: 5'-GCAACAATCTCCACTTTGCCA	