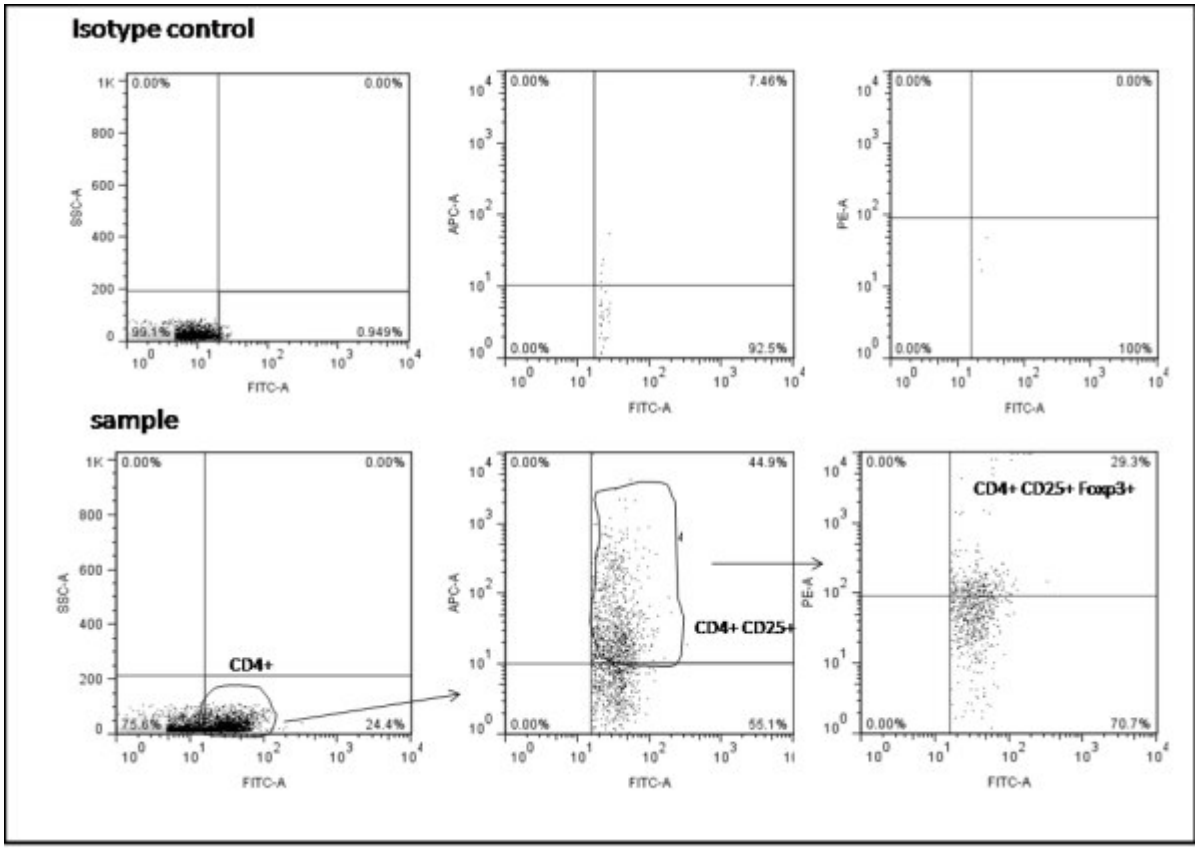
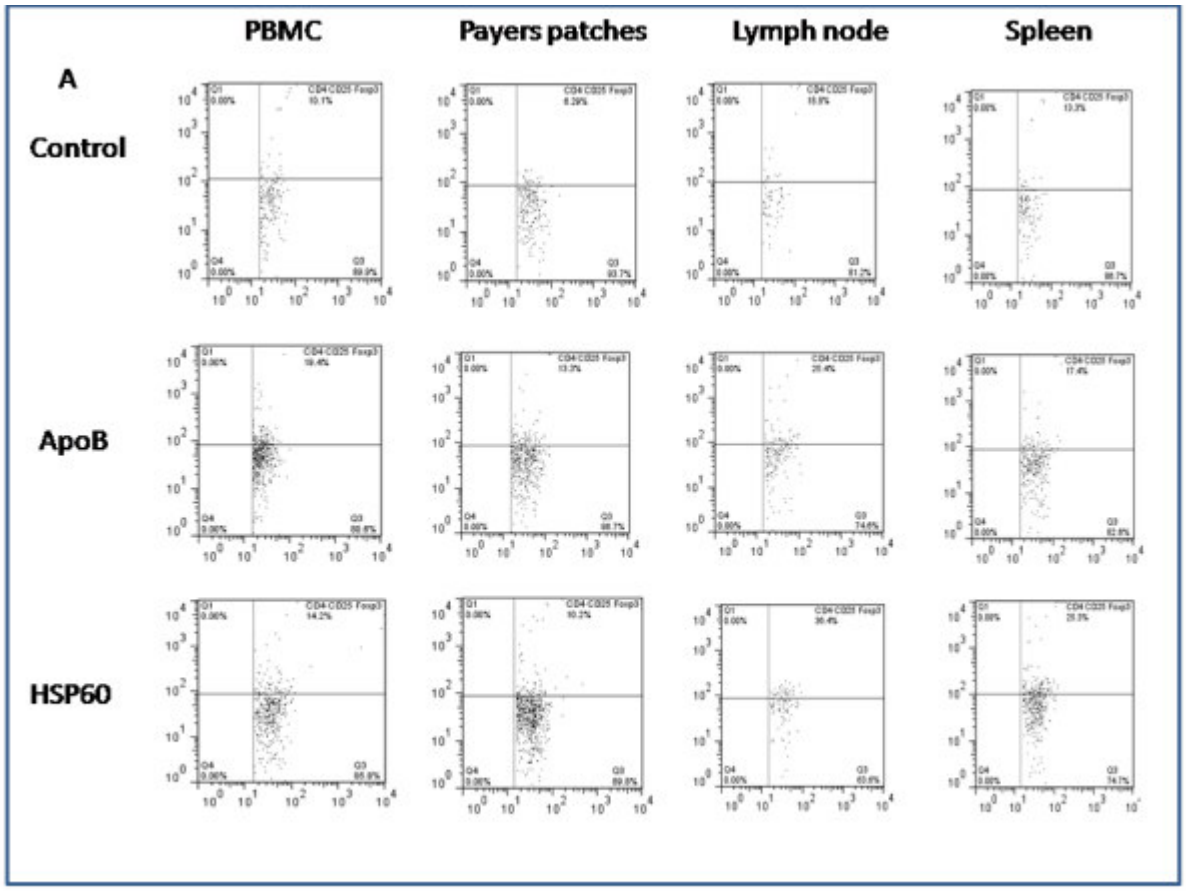
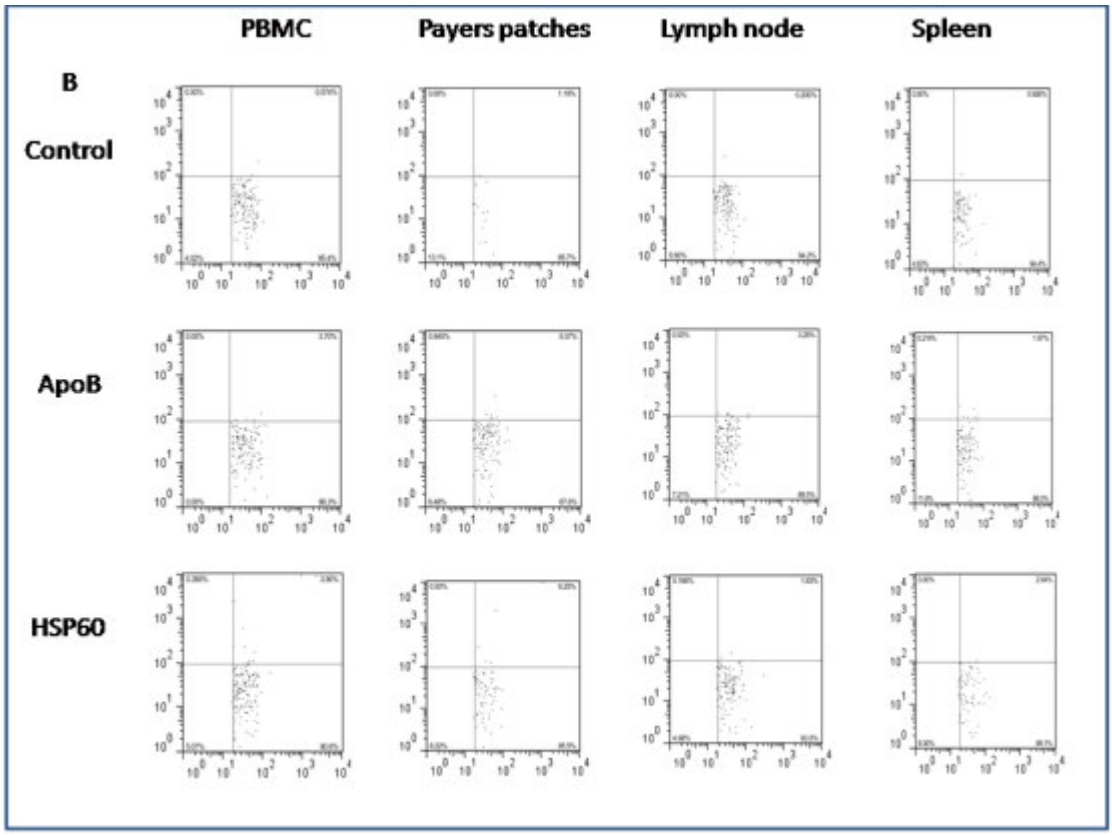
Figure 1 Flow Cytometry Analysis:

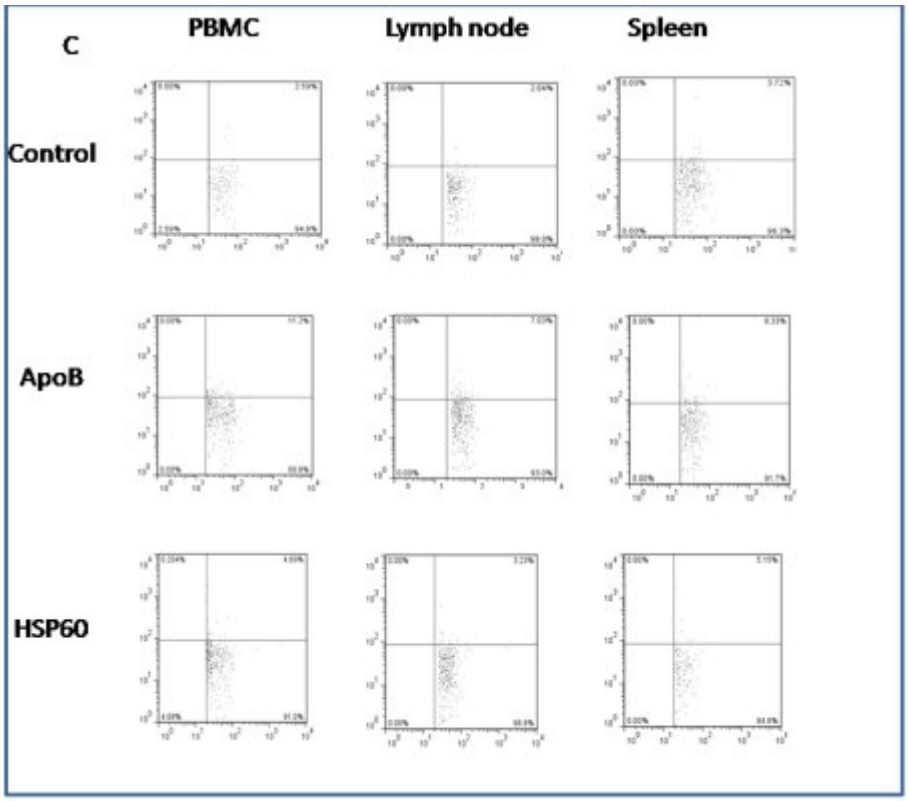


Representative FACS dot plots are presented and the graph represents percentage of $CD25^{+}Foxp3^{+}$ cells within the CD4 population.

Figure 2 Representative dot plots for Flow cytometry analysis




PBMC
Payers patches
Lymph node
Spleen
B
Control
ApoB
HSP60



Flow Cytometry Analysis:

A**.** Percentage of $CD4^+$ $CD25^+$ $FoxP3^+$ cells within the CD4 population (total Treg cells)($p<0.001$) in lymph nodes, spleen, Payer's patches and PBMC in ApoB peptide and Hsp60 peptide treated compared to control(PBS) three days after the last dose (N=6)

B**.** Percentage of $CD4^+$ $CD25^+$ $FoxP3^+$ cells within the CD4 population (total Treg cells)($p<0.001$) in lymph nodes, spleen, Payer's patches and PBMC in ApoB peptide and Hsp60 peptide treated compared to control(PBS) eight days after the last dose (N=6)

C. Percentage of $CD4^+$ $CD25^+$ $FoxP3^+$ cells within the CD4 population (total Treg cells)($p<0.001$) in lymph nodes, spleen, Payer's patches and PBMC in ApoB peptide

and Hsp60 peptide treated compared to control(PBS) at the end of the study after 10 weeks of high fat diet feed to induce atherosclerosis (N=6)

Table 1 Antibody response to peptides

Coating antigen ApoB-KLH		
	IgG	IgA
Control	0.034±0.003	0.01±0
ApoB	0.035±0.004	0.012±0.001
HSP60	0.032±0.003	0.015±0.001

Coating antigen HSP60-KLH		
	IgG	IgA
Control	0.032±0.005	0.043±0.03
ApoB	0.038±0.004	0.01±0
HSP60	0.033±0.002	0.011±0.001

Groups of mice were treated with ApoB , HSP60 peptides or PBS by the oral route. Serum antibody levels were measured 1 week after the last oral dose by ELISA. Mean absorbance values±SEM of six individual mice are given, at an antibody dilution of 1:100.