



Suppl Fig. 1

A) Isotype control for Fig. 2D.

B) Isotype control for Fig. 3E.

C) Isotype control for Fig. 4I.

D) Isotype control for Fig. 4G.

E) Isotype control for Fig. 5D.

F) Isotype control for Fig. 5E.

There was almost negligible immunostaining for the proteins of interest on CD8⁺ T cells with isotype control antibodies (i.e. in absence of protein specific antibodies).

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G) Representative forward and side scatter plot of spleen cells. A, B, and C depict lymphocyte, monocyte and granulocyte gates respectively according to conventional gating strategy. Gate A was further selected for investigation of biomarkers on T cells.

H) 7-AAD staining on CD8⁺ T cells in A gating. Most of the CD8⁺ T cells were viable as there were <5% dead cells in CD8⁺ T compartment, i.e. cells showing double positive immunostaining for both 7-AAD and CD8⁺ T cells (quadrant AI2).