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CD46 is a potent co-stimulatory receptor for expansion of human IFN- γ -producing CD8⁺ T cells

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Research highlights

- Activation of CD46 induces rapid down-modulation of CD46 expression on the surface of CD8⁺ T cells.
- CD46 co-stimulation potently induces CD8⁺ T cell proliferation.
- CD46 co-stimulation does not induce a switch to IL-10 production in CD8⁺ T cells, as is known for CD4⁺ T cells.
- CD46 co-stimulation predominantly expands IFN- γ -producing CD8⁺ T cells.

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