

PM-BCMA+-HELA-GFP+ CELLS WITH EXPRESSION OF BCMA ANTIGEN

Engineered Target Cell Lines

The Hela cervical cancer cell line is transduced with BCMA-GFP-lentivirus and stably overexpress BCMA and GFP proteins. BCMA is often overexpressed in multople myeloma cells. Hela cells have >90% GFP and 90% BCMA positive cells. The cells are positive for BCMA and GFP proteins by FACS (Figure 1). The Hela-BCMA cells are available for functional assays with BCMA-CAR-T cells, BCMA-bi-specific antibodies, imaging and can be used for *in vivo* xenograft studies.

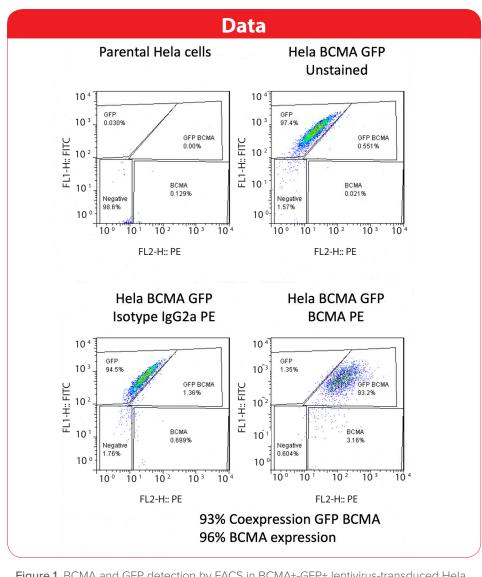


Figure 1. BCMA and GFP detection by FACS in BCMA+-GFP+ lentivirus-transduced Hela cells. Hela cells have >90% GFP and 96% BCMA positive cells.





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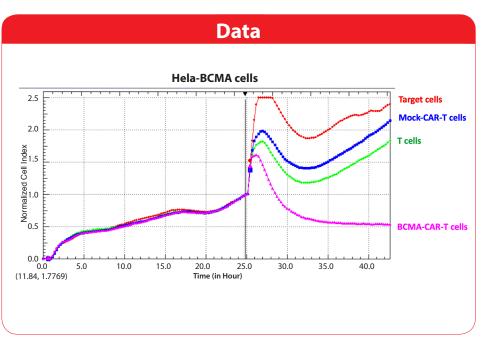


Figure 2. BCMA-CAR-T cells kill Hela-BCMA stable cell line