

D42M1 & F279 TUMOR CELL LINES

[Schreiber, Robert](#)

[Zou, Dianxiong](#)

T-011286

D42m1 is a methycolanthrene (MCA) induced sarcoma cell line generated in 129S6 strain RAG2 gene targeted mice. These cells are highly immunogenic and are rejected when transplanted into syngeneic naive wild type mice.

F244 is an MCA induced sarcoma cell line generated in wild type 129S6 mice. These cells are less immunogenic and form progressively growing tumors when injected into syngeneic naive wild type mice.

Publications:

Shankaran V, Ikeda H, Bruce AT, White JM, Swanson PE, Old LJ, Schreiber RD. IFN γ and lymphocytes prevent primary tumour development and shape tumour immunogenicity. *Nature* 2001, 410:1107-11.

Matsushita H, Vesely MD, Koboldt DC, Rickert CG, ... Schreiber RD. Cancer exome analysis reveals a T-cell-dependent mechanism of cancer immunoediting. *Nature* 2012, 482:400-404.