

## PRDM1 Knockout cell line (A549)

**Catalog Number:** KO38814

Product Information	
Product Name	PRDM1 Knockout cell line (A549)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	PRDM1
Gene ID	639
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: PRDM1 Knockout cell line (A549) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	PR/SET domain 1 provided by HGNC
Also known as	BLIMP1; BLIMP-1; PRDI-BF1
Gene Description	This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported. [provided by RefSeq, Jul 2008]
Expression	Broad expression in esophagus (RPKM 16.3), endometrium (RPKM 7.2) and 17 other tissues See more