

Cell Immortalization



Cell Immortalization Reagents Compatibility Chart

Cell Type	SV40T	hTERT	p53, Rb siRNA	c-Myc T58A	RasV12	Myc+Ras	Bmi1	CDK4	HPV E6/E7	EBV	E1A-E1B	HOXB8, A9, A10
Fibroblasts	✓✓	✓	✓	✓ (rodent)	✓ (rodent)	✓✓ (rodent)		✓	✓		✓	
Epithelial cells	✓✓	✓	✓	✓ (rodent)	✓ (rodent)	✓✓ (rodent)	✓	✓✓	✓✓		✓	
Endothelial cells	✓	✓	✓					✓	✓			
Astrocytes/glia	✓	✓	✓	✓ (rodent)		✓ (rodent)	✓	✓	✓			
Mesenchymal stem cells	✓	✓✓	✓				✓	✓	✓			
Neural stem/progenitor cells		✓					✓✓		✓			
Hematopoietic stem/progenitor cells							✓					✓✓
B lymphocytes										✓✓		
T cells/NK cells												
Rodent primary cells (general)	✓✓	✓	✓	✓	✓	✓✓	✓	✓	✓		✓	✓

- ✓ = reliable immortalization method
- ✓✓ = robust immortalization method

Learn more about our Cell Immortalization Reagents at: <https://www.abmgood.com/Cell-Immortalization.html>