

Phenomenon	Reaction equation	Rate law (per cell)
Tumour cell birth	$T \rightarrow 2 \times T$	aT
Tumour cell death	$2 * T \rightarrow T$	abT^2
Tumour cell death by effector cells	$T + E \rightarrow E$	nTE
Effector proliferation	$E \rightarrow 2 \times E; T$	$\frac{pTE}{q+T}$
Effector death by fighting tumour	$T + E \rightarrow T$	mTE
Effector death	$E \rightarrow$	dE
Effector supply	$\rightarrow E$	s