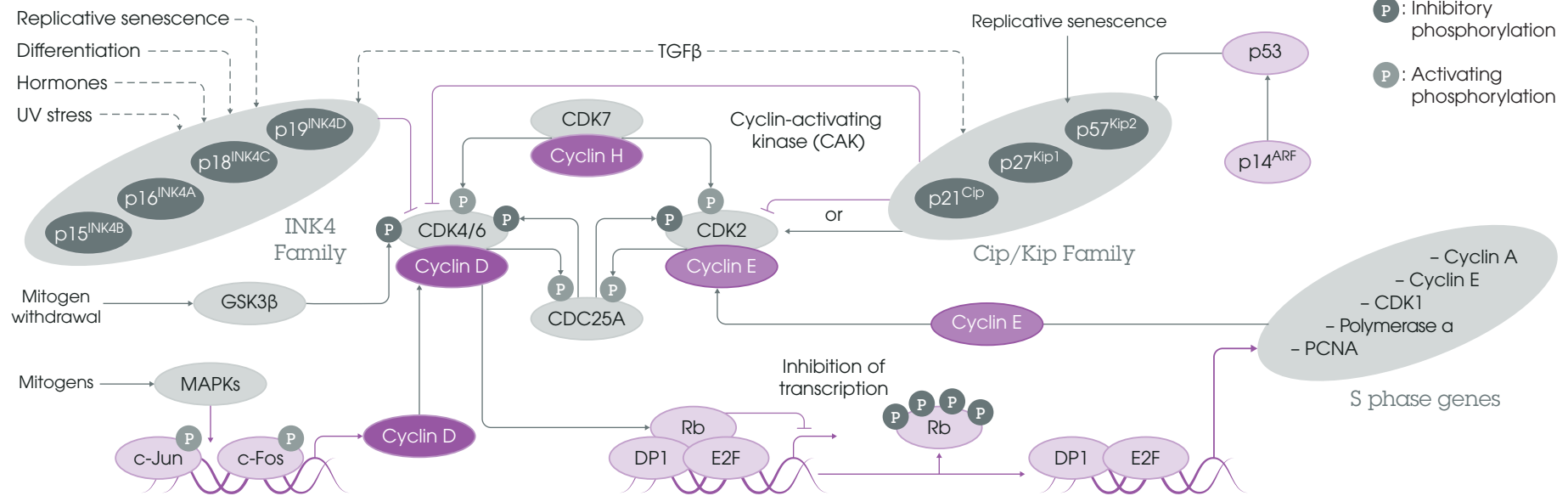
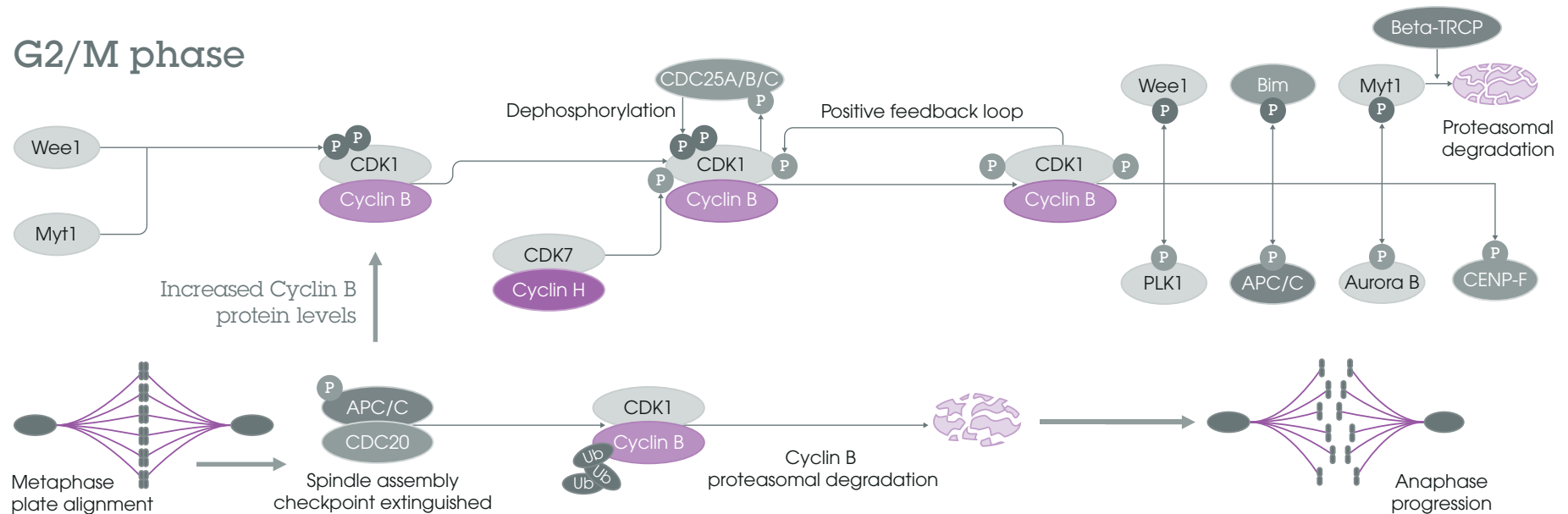


Regulation of cyclins during the cell cycle

G1/S phase



G2/M phase



Antibodies

Product	Application	Species reactivity	AbID
Aurora B antibody	ICC/IF, IHC-Fr, IHC-P, IP, WB	Hm, Hu, Ms, Pig, Rt	ab2254
Bim antibody (Y36)	Flow Cyt, ICC/IF, IHC-FoFr, IHC-P, IP, WB	Hu, Ms, Rt	ab32158
Cdk2 antibody (E304)	Flow Cyt, ICC/IF, IHC-P, IP, WB	Hu, Ms, Rt	ab32147
Cdk4 antibody (EPR4513-32-7)	Flow Cyt, ICC/IF, IHC-P, WB	Hu	ab108357
CDKN2A/p16INK4a antibody (EPR1473)	Flow Cyt, ICC/IF, IHC-P, IP, WB	Hu	ab108349
c-Fos antibody (EPR883(2))	Flow Cyt, WB	Hu, Ms, Rt	ab134122
c-Jun antibody (E254)	ICC/IF, IHC-P, IP, WB	Hu, Ms, Rt	ab32137
Cyclin A2 antibody (E142)	ICC/IF, IHC-P, WB	Hu, Ms, Rt	ab181591
Cyclin B1 antibody (Y106)	Flow Cyt, ICC, IHC-P, IP, WB	Hu	ab32053
Cyclin D1 antibody (EPR2241)	ICC/IF, IHC-P, IP, WB	Hu, Ms, Rt	ab134175
Cyclin E1 antibody (EP435E)	Flow Cyt, ICC/IF, IP, WB	Hu	ab33911
E2F1 antibody (EPR3818(3))	Flow Cyt, ICC/IF, IHC-P, IP, WB	Hu, Ms, Rt	ab179445
GSK3 beta antibody (Y174)	Flow Cyt, ICC/IF, IHC-P, WB	Hu, Ms	ab32391
p21 antibody (EPR3993)	WB	AGMk, Hu, Ms, Rt	ab109199
p27 KIP 1 antibody (Y236)	Flow Cyt, ICC/IF, IHC-Fr, IHC-FrFI, IHC-P, IP, WB	Hu, Rt	ab32034
p53 antibody (DO-1)	ChIP, ELISA, Flow Cyt, ICC/IF, IHC-Fr, IHC-P, IP, WB	Hu	ab1101
p57 Kip2 antibody (EP2515Y)	ICC/IF, IHC-P, IP, WB	Hu, Ms, Rt	ab75974
Rb antibody (EPR17512)	Flow Cyt, ICC/IF, IHC-P, IP, WB	AGMk, Hu, Ms	ab181616

Inhibitors and activators

Target	Compound	Description	AbID
CDK1	Ro 3306	Selective inhibitor. Ki of 35 and 110 nM for CDK1/Cyclin B1 and CDK1/Cyclin A.	ab141491
CDK4/6	Palbociclib	Potent, highly specific inhibitor. IC ₅₀ of 11 nM (CDK4) and 16 nM (CDK6).	ab218118
GSK3β	BIO	Cell-permeable, selective, reversible inhibitor. IC ₅₀ of 5 nM (GSK3α/β).	ab120891
p21	UC2288	p53-independent, selective p21 attenuator. GI ₅₀ of 10 μM.	ab146969
p53	RITA	Induces p53 activation in tumor cells. Prevents p53-HDM2 (MDM2) interaction.	ab219379
Rb	Silibinin	Increases unphosphorylated Rb (active) 4-fold and increases Rb-E2F complexes.	ab142948

Other related products

Product	Details and applications	Species reactivity	AbID
CDK1 ELISA Kit	90-min ELISA kit made with recombinant monoclonal antibodies	Hu	ab212162
CDKN2A/p16INK4a protein	SDS-PAGE	-	ab84075
GSK3 beta (pS9 + Total) ELISA Kit	90-min ELISA	Hu, Ms, Rt (predicted)	ab205711
GSK3 beta protein	Functional studies, SDS-PAGE, western blot	-	ab60863
GSK3 beta pS9 ELISA Kit	90-min ELISA	Hu, Ms, Rt (predicted)	ab205709
GSK3 beta ELISA Kit	90-min ELISA	Hu, Ms, Rt (predicted)	ab205710
p21 ELISA Kit	90-min ELISA kit made with recombinant monoclonal antibodies	Hu	ab214658
p21 ELISA Kit	90-min ELISA kit made with recombinant monoclonal antibodies	Ms	ab205576
p21 protein	Functional studies, SDS-PAGE, western blot	-	ab56278
p53 ELISA Kit	90-min ELISA	Hu	ab171571
p53 protein	Functional studies, SDS-PAGE, western blot	-	ab43615
Rb protein	Functional studies, SDS-PAGE	-	ab56270