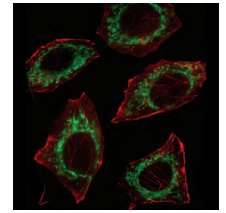
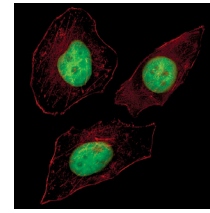
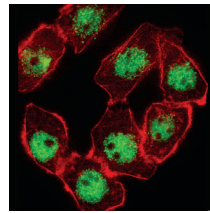
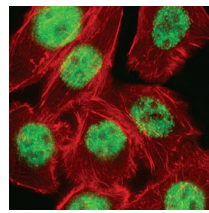
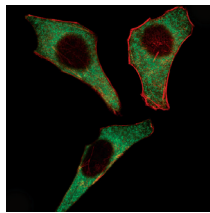
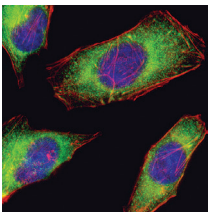


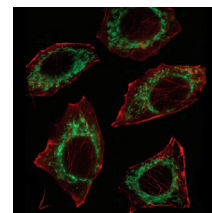
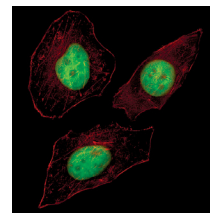
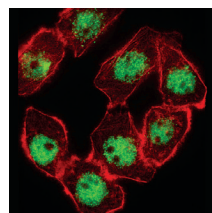
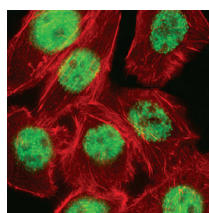
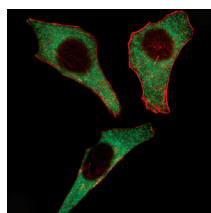
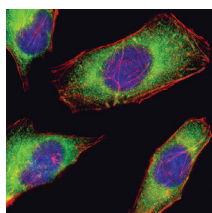
The cell cycle is the series of events that take place in a cell leading to its division and duplication. The cell cycle can be divided in three periods: interphase, during which the cell grows accumulating nutrients, the mitotic (M) phase, during which the cell splits itself into two distinct cells, and the final phase, cytokinesis, where the new cell is completely divided. The primary G1/S cell cycle checkpoint controls the commitment of eukaryotic cells to transition through the G1 phase to enter into the DNA synthesis S phase. A multitude of different stimuli exert checkpoint control, including TGF- β , DNA damage, replicative senescence, and growth factor withdrawal. Importantly, Cyclin D1/CKD4/6 complexes are explored as therapeutic targets for cancer treatment as researchers have found this checkpoint to be invariantly deregulated in human tumors.

Abgent offers high-quality, in-house developed antibodies for the elucidation of the main players in cell cycle control research.



CAT. #	NAME	UNIPROT	APPLICATION
AP1432a	ALDH2 (N-term)	P05091	WB,IF
AM2195c	ANXA1	P04083	WB
AM2052b	B2M	P61769	WB
AP2771b	B2M (C-term)	P61769	WB,IHC,FC
AP9600c	BLZF1 (Center)	Q9H2G9	IF,WB
AP20478a	BRTC 1/2 (N-term)	Q9Y297	WB
AP6898d	CALR	P27797	WB,IHC,FC
AP6898c	CALR (Center)	P27797	WB,IHC,FC
AP20406b	CCND1 (C-term T286)	P24385	WB
AP20024b	CCND1 (C-term T288)	P24385	WB
AM2214b	CCRK (N-term)	Q8IZL9	WB
AP1494b	CD19 (C-term)	P15391	WB
AP1494a	CD19 (N-term)	P15391	WB,IF,FC,IHC
AP7515a	CDC7 (CDC7L1) (N-term)	O00311	WB
AP20468b	CDCA7L (C-term)	B3KTR5	WB
AP7518d	CDK2 (T14)	P24941	WB,IHC

CAT. #	NAME	UNIPROT	APPLICATION
AM8485b	CDK4	P11802	IHC-P, WB, E
AP7520b	CDK4 (C-term)	P11802	IF,WB,IHC,FC
AP13468b	CDKN1A (C-term)	P38936	IF,WB,IHC
AP10945a	CDKN1C (N-term)	P49918	IF,WB
AP4999a	CHEK2 (N-term)	O96017	WB,IHC,FC,IF
AP2184d	CHK1 (S280)	O14757	WB
AP2612d	Cyclin D1 (S90)	P24385	WB,IHC,IF
AM2178b	CYK18 (C-term)	P05783	WB
AP2848a	EBP1 (Center)	Q9UQ80	WB,IHC,FC
AM2179b	EGFR (C-term)	P00533	WB
AM2192b	ENO1	P06733	WB
AP2879a	ENOA (N-term)	P06733	WB,FC,IF
AM2189b	Erk1/2	P27361	WB
AM2188b	Erk2	P28482	WB
AP1702c	ESR2 (Center)	Q92731	WB,FC
AP19499b	ESR2 (C-term)	Q92731	WB



CAT. #	NAME	UNIPROT	APPLICATION
AP19255b	FOXN3 (C-term)	O00409	IF,WB
AM2199b	H2AFX (C-term)	P16104	WB
AM2202b	H2AFX (N-term)	P16104	WB
AP51295	KAT7	O95251	WB
ABV10525	HAT-2	O95251	WB
AM2204b	HDAC1	Q13547	WB
AP1101b	HDAC1 (N-term)	Q13547	WB,IF
AP9762c	HDAC2 (Center)	Q92769	WB,IHC,FC,IF
AP2859c	HSPD1 (Center)	P10809	WB,IF
AP2859b	HSPD1 (C-term)	P10809	WB,IHC,FC
AP7740b	IPF (C-term)	P52945	WB,IF
AP7740e	IPF (S66)	P52945	WB
AM2241b	ITGB1	P05556	WB
AP7960e	MAP2K1 (T291)	Q02750	WB,IHC
AP7250b	MAPK1 (C-term)	P28482	WB,IHC,FC
AP1253e	MDM2 (S166)	Q00987	WB,IHC,IF
AP7904a	MEK1 (MAP2K1) (N-term)	Q02750	WB,IHC
AP7267b	MOX1 (Meox1) (C-term)	P50221	WB
AP7267a	MOX1 (Meox1) (N-term)	P50221	WB,IF
AM2201b	NPM1	P06748	WB
AP2834b	NPM1 (C-term)	P06748	WB,FC,IHC
AP2834a	NPM1 (N-term)	P06748	WB,IF,IHC,FC
AP14497c	ORC2L (Center)	Q13416	WB
ALS15770	ORC3L / ORC3 (C-Terminus)	Q9UBD5	WB, IHC-P, E
AP11690b	p16INK4a (C-term E119)	P42771	WB,IHC,IF,FC
AP9311a	P21Cip1-S130	P38936	WB,IF
AP20014a	p27Kip1 (N-term S12)	P46527	WB
AP20360a	PARP3 (N-term)	Q9Y6F1	WB
AP7481c	PCM-1 (Center)	Q15154	IF,WB,IHC,FC
AP2835c	PCNA (Center)	P12004	WB,IHC,IF,FC
AM2237b	PCNA (C-term)	P12004	WB
AP3068a	Phospho-CDK7-T170	P50613	WB,IHC,DB

CAT. #	NAME	UNIPROT	APPLICATION
AP3781c	Phospho-ERBB2(S1151)	P04626	DB,WB
AP20474c	POLD2 (Center)	P49005	WB
AP16887b	PRKAG3 (C-term)	Q9UGI9	WB
AP2035b	PROX1 (C-term)	Q92786	WB,IF
AP2035d	PROX1 (S197)	Q92786	WB
AP20507b	PSMB2 (C-term)	P49721	WB
AT3501a	PURA (monoclonal) (M02)	Q00577	WB, IF, E
AP22155b	RAD21 (C-Term)	O60216	WB, E
AP13849b	RARA (C-term)	P10276	WB,IF,IHC,FC
AP6265e	RB1 (S608)	P06400	WB,IF,IHC
AP7943b	RSK2 (RPS6KA3) (N-term)	P51812	WB,IHC
AP5993b	SFN (C-term)	P31947	WB,IHC,IF,FC
AB010565	Anti-SKP2	Q13309	WB, IHC-P
AP7365b	SMAD2 (T220)	Q15796	WB
AP9995a	SMAD3-S208	P84022	WB,IHC,IF,FC
AP20483a	SSNA1 (N-term)	O43805	WB
AM2196b	TBP	P20226	WB
AP6680c	TBP (Center)	P20226	WB,IF,IHC,FC
AP12063c	TBX6 (Center)	O95947	WB,IF
AP18725a	TFDP3 (N-term)	Q5H910	WB
AP1476b	TGF Beta 2 (C-term)	P61812	WB,IHC
AP12348a	TGFB1 (N-term)	P01137	WB,IHC,IF
AM1893b	TGFB2	P61812	WB,IHC,IF
AB011926	Anti-p73 Picoband™	O15350	WB, IHC-P
AP16857c	TRIM25 (Center)	Q14258	WB
AB011823	Anti-Tuberin Picoband™	P49815	WB, IHC-P
AP6682b	TYSY (C-term)	P04818	WB,IHC,FC,IF
AM2230b	USP22 (C-term)	Q9UPT9	WB
AM2226a	VRK1 (Center)(Ascites)	Q99986	WB
AP8106c	WEE1 (Center)	P30291	WB,IHC
AP2943a	YWHAQ (N-term)	P61981	WB,IHC,FC

To order: www.abgent.com

Email: orders@abgent.com or sales@abgent.com

Tel: 858.875.1900 Fax: 858.622.0609