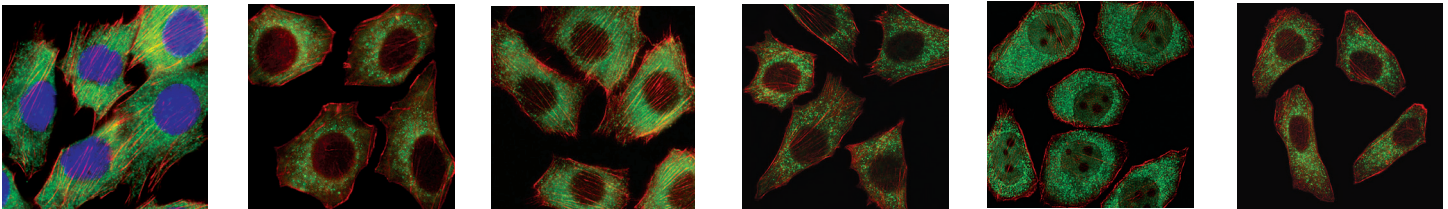


Tumorigenesis is a process by which normal cells are transformed into cancer cells. It is characterized by a progression of changes at the cellular, genetic and epigenetic level that ultimately reprogram a cell to undergo uncontrolled cell division, forming a malignant mass. Tumorigenesis is caused by mutation and epimutation of the genetic material of normal cells, which disrupts the normal balance between proliferation and cell death.

Scientific research elucidated a number of pathways and genes responsible for tumor formation: oncogenes promote cell growth through a variety of ways, while tumor suppressor genes code for anti-proliferation signals and proteins that suppress mitosis and cell growth.

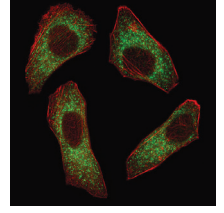
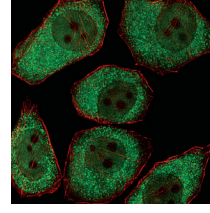
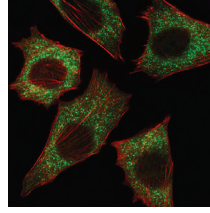
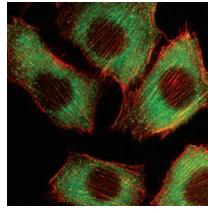
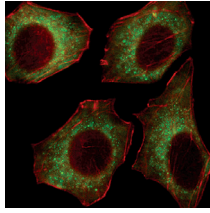
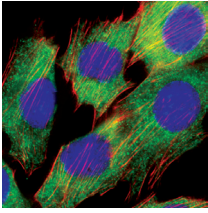
Abgent offers high-quality, in-house developed antibodies for the elucidation of main players in tumorigenesis research. Abgent has developed antibodies against a variety of oncogenes and tumor suppressor genes including their targets and interactors.



CAT. #	NAME	UNIPROT	APPLICATION
AP50046	ADD1 (Ab-726)	P35611	WB,IHC,IF
AM2210b	AIM2	O14862	WB
AM2222a	AKT1 (Ascites)	P31749	WB
AM1848b	AKT2	P31751	WB, IHC-P, IF, E
AM8523b	AKT2	P31751	IF, WB, E
AB010239	Anti-12 Lipoygenase Picoband™	P18054	WB
AB010855	Anti-ATF4	P18848	WB
AB010716	Anti-Bag1	Q99933	WB, IHC-P, ICC
AM2227b	BAIAP2 (C-term)	Q9UQB8	WB
AP20499c	BCAP31 (Center)	B3KQ79	WB
AP10698a	BCL10 (N-term)	O95999	WB,IHC,IF,FC
AP1303a	Bcl-2 (BH3 Domain Specific)	P10415	WB,IHC,IF,IP
AM2211b	BCL2L1	Q07817	WB

CAT. #	NAME	UNIPROT	APPLICATION
AB010857	Anti-Bcl3	P20749	WB, IHC-P
AP1321a	BNIP3 (BH3 Domain Specific)	Q12983	WB,IHC,IF
AM1821a	BRAF	P15056	IF,WB
AP7810n	BRAF	P15056	WB,FC
AP7810c	BRAF (Center)	P15056	IF,WB,IHC,FC
AP11871a	BTRC (N-term)	Q9Y297	WB, IHC-P, IF, E
AP6937a	C6 (N-term)	P13671	WB,IHC,IF,FC
AM1890b	CABC1	Q8N160	WB,IF
AP13380c	CACNA2D2 (Center)	Q9NY47	IF,WB,IHC
AP12027c	CASP12 (Center)	Q6UXS9	WB,IHC,IF,FC
AP7974c	CASP9 (Center)	P55211	WB,IHC,IF
AB010909	Anti-Caspase-9	P55211	WB, IHC-P
AP2878b	CD38 (C-term)	P28907	WB,IHC,IF,FC

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CAT. #	NAME	UNIPROT	APPLICATION
AM1901b	CD44	P16070	WB,IHC,IF,FC
AP7518d	CDK2 (T14)	P24941	WB,IHC
AP13468b	CDKN1A (C-term)	P38936	IF,WB,IHC
AP4999a	CHEK2 (N-term)	O96017	WB,IHC,FC,IF
AP11707c	CREB1 (Center)	P16220	IF,WB,FC
AP13477b	CSRN2 (C-term)	Q9H175	IF,WB
AM2221b	CTSD	P07339	WB
AP8786c	CYP7B1 (Center)	O75881	WB,IHC,IF,FC
ALS14552	DAP3	P51398	WB, IHC-P, IF, E
ASC10045	DNase II	O00115	WB,IHC,IF,FC
AP14858b	ECSIT (C-term)	Q9BQ95	WB, IHC-P, E
ASC10264	ECSIT	Q9BQ95	WB
AP13306a	FOXO3 (N-term)	O43524	WB,IHC
AP9315b	GPX1 (C-term)	P07203	WB,IHC,IF,FC
AP20489a	GRB10 (N-term)	Q13322	WB
AP2114c	HIP2 (Center)	P61086	WB
AP9460d	ITA6	P23229	WB
AM2241b	ITGB1	P05556	WB
AP1984i	JUN (C-term)	P05412	WB,IHC,FC
AP1984g	JUN (T243)	P05412	WB,IHC
AP18526b	LY ZL1 (C-term)	Q6UWQ5	WB
AP7961e	MAP2K2 (S222)	P36507	WB,IHC
AP7961d	MAP2K2 (T394)	P36507	WB,IHC
AP8008d	MAP3K13 (LZK) (C-term) (S869)	O43283	WB, IHC-P, E
AP12488c	MAPK14 (Center T180/Y182)	Q16539	IF,WB,IHC
AP7546b	MAPK14 (C-term)	Q16539	WB, IF, FC, E
AP7226d	MAPK14 (Y323)	Q16539	WB,FC
AP1312a	MCL1 (BH3 Domain Specific)	Q07820	WB,IHC,FC
ABO12638	Anti-MEF2A Picoband™	Q02078	WB, IHC-P
AP6285a	MEF2C (S387)	Q0641	WB,IF,IHC
AP7961a	MEK2 (MAP2K2) (N-term)	P36507	IF,WB
ASC11794	MIB1	Q86YT6	WB, IF, ICC, E

CAT. #	NAME	UNIPROT	APPLICATION
AP8626c	MICA (Center)	Q29983	WB,IHC,IF,FC
AP7031b	MOB4A (C-term)	Q7L9L4	IF,WB,IHC
AP20493b	Mouse Tcfap2d (C-term)	Q91ZK0	WB
ALS11844	NFKB1 (clone 4D1)	P19838	WB, IHC-P, IF
AP18216b	NFKBp65 (C-term S536)	Q04206	IF,WB
AM2228b	NLK	Q9UBE8	WB
AP2834b	NPM1 (C-term)	P06748	WB,FC,IHC
ABO10622	Anti-LXR Alpha	Q13133	WB
AP7745b	NRAS (C-term)	P01111	WB,IHC,FC
AP6266h	p53 (S315)	P04637	WB,IHC,IF
AP19260b	PGR/PR (C-term)	P06401	IF,WB
AP3789a	Phospho-bcl-2(S70)	P10415	DB,WB
AP3781s	Phospho-ERBB2(Y1005)	P04626	WB,IF,DB
AP3612a	Phospho-MEK1(S222)	Q02750	WB
AP3781q	Phospho-mouse ERBB2(Y1140)	P70424	WB,DB
AP8856b	PSMB1 (C-term)	P20618	WB,IHC,IF,FC
AP8614c	PTK2 (Center)	Q05397	WB,IHC,FC,IF
AP20475b	RAT Ccn12 (C-term)	Q5I0H5	WB
AP19822c	RELA (Center)	Q04206	IF,WB
AP20211b	RELA (C-term S536)	Q04206	WB
AP7943b	RSK2 (RPS6KA3) (N-term)	P51812	WB,IHC
AP18803c	SFN (Center)	P31947	WB
ALS15339	SLC25A6 / ANT3 (aa121-170)	P12236	WB, IHC-P, E
AP13711a	SUMO1 (N-term)	P63165	IF,WB,IHC
AP14594a	TAF9 (N-term)	Q16594	IF,WB
AM1893b	TGFB2	P61812	WB,IHC,IF
AP14807b	TGIF2 (C-term)	Q9GZN2	WB,FC
AM2244b	TP53 (N-term)	P04637	WB
ABO11926	Anti-p73 Picoband™	O15350	WB, IHC-P
AP7688d	TrkC	Q16288	WB
ABO11823	Anti-Tuberin Picoband™	P49815	WB, IHC-P
AP20077c	TSC2 (Center S1418/S1420)	P49815	WB

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