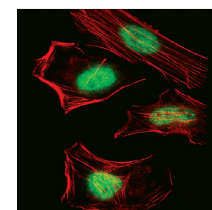
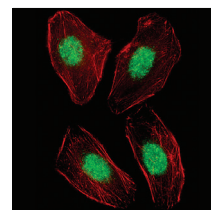
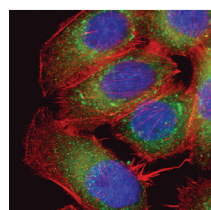
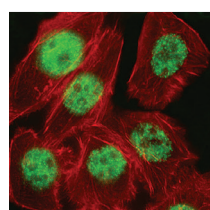
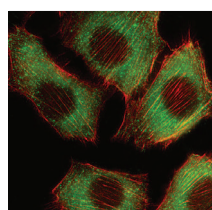
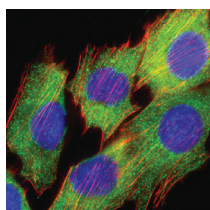


Programmed cell death or apoptosis is a regulated cellular mechanism characterized by nuclear condensation, cell shrinkage, membrane blebbing, and DNA fragmentation. Caspases, a family of cysteine proteases, are the central regulators. Initiator caspases (caspase-2, -8, -9, -10, -11, and -12) are closely coupled to pro-apoptotic signals. Once activated, these proteases cleave and activate downstream effector caspases (caspase-3, -6, and -7), which in turn execute cell death by cleaving cellular proteins following specific Asp residues. Inhibition of apoptosis can result in a number of cancers, autoimmune diseases, inflammatory diseases, and viral infections. Generally, in cancer cell cycle-regulating genes such as p53, ras or c-myc are mutated or inactivated causing abnormal response to apoptosis signal.

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



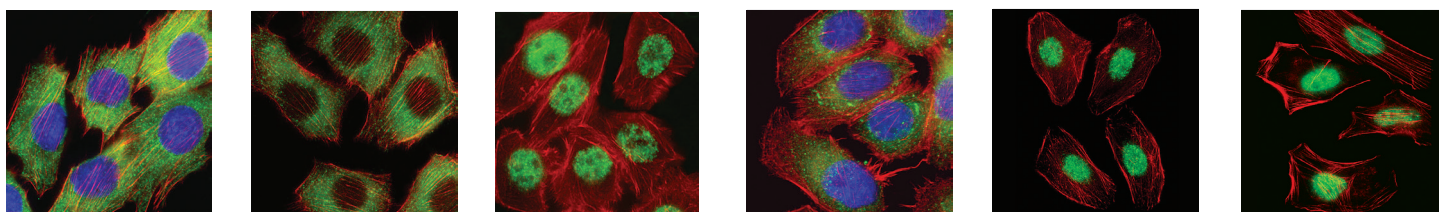
CAT. #	NAME	UNIPROT	APPLICATION
AF1003a	Goat Anti-58K Golgi protein/FTCD	P35611	WB, IHC, IF
AM2210b	AIM2	O14862	WB
AM2222a	AKT1 (Ascites)	P31749	WB
AP7029d	AKT2 (S474)	P31751	IF, WB, IHC
AB010239	Anti-12 Lipoxygenase Picoband™	P18054	WB
AP52146	Rabbit Anti-ATF4/CREB-2	P18848	WB, IHC-P, IF
AP1314c	Bad Antibody (Center)	Q92934	WB, IHC
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
AB010857	Anti-Bcl3	P20749	WB, IHC-P
AP1321a	BNIP3 (BH3 Domain Specific)	Q12983	WB, IHC, IF
AP7810n	BRAF	P15056	WB, FC

CAT. #	NAME	UNIPROT	APPLICATION
AM1821a	BRAF	P15056	IF, WB
A01264a	BRAF	P15056	WB, IHC, ICC, E
AP6937a	C6 (N-term)	P13671	WB, IHC, IF, FC
AM1890b	CABC1	Q8NI60	WB, IF
AP13380c	CACNA2D2 (Center)	Q9NY47	IF, WB, IHC
AP12027c	CASP12 (Center)	O6UXS9	WB, IHC, IF, FC
AM2239b	CASP3	P42574	WB
AB011157	Anti-Caspase 3	P42574	WB
AP11324b	CASP3 (C-term)	P42574	WB, IHC, FC
AP7563c	CASP3 (Center)	P42574	WB, IHC, FC
AP7974c	CASP9 (Center)	P55211	WB, IHC, IF
AP2878b	CD38 (C-term)	P28907	WB, IHC, IF, FC
AM1901b	CD44	P16070	WB, IHC, IF, FC
AM2190a	CDH1 (Ascites)	P12830	WB
AP7518d	CDK2 (T14)	P24941	WB, IHC
AP13468b	CDKN1A (C-term)	P38936	IF, WB, IHC

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CAT. #	NAME	UNIPROT	APPLICATION
AP4999a	CHEK2 (N-term)	O96017	WB,IHC,FC,IF
AP13477b	CSRN2 (C-term)	Q9H175	IF,WB
AM2221b	CTSD	P07339	WB
AP2612d	Cyclin D1 (S90)	P24385	WB,IHC,IF
AP8786c	CYP7B1 (Center)	O75881	WB,IHC,IF,FC
ALS14552	DAP3	P51398	WB, IHC-P, E
ALS11451	DNASE2 / DNase II (aa347-360)	O00115	WB, IHC-P
AP13306a	FOXO3 (N-term)	O43524	WB,IHC
AM2219b	GOLPH3 (C-term)	Q9H4A6	WB
AM2219a	GOLPH3 (C-term)(Ascites)	Q9H4A6	WB
AP9315b	GPX1 (C-term)	P07203	WB,IHC,IF,FC
AP2114c	HIP2 (Center)	P61086	WB
AP9460d	ITA6	P23229	WB
AP1984i	JUN (C-term)	P05412	WB,IHC,FC
AP1984g	JUN (T243)	P05412	WB,IHC
AP7546b	MAPK14 (C-term)	Q16539	WB, IF, FC, E
AP7226d	MAPK14 (Y323)	Q16539	WB,FC
AP12083c	Maspin (Center)	P36952	WB,IHC,IF
AP1312a	MCL1 (BH3 Domain Specific)	Q07820	WB,IHC,FC
AP1253e	MDM2 (S166)	Q00987	WB,IHC,IF
AP2172a	Mib1/Mindbomb (N-term)	Q86YT6	WB,IF,IHC
AP8626c	MICA (Center)	Q29983	WB,IHC,IF,FC
AP7031b	MOB4A (C-term)	Q7L9L4	IF,WB,IHC
AP20493b	Mouse Tcfap2d (C-term)	Q91ZK0	WB
AP2834b	NPM1 (C-term)	P06748	WB,FC,IHC
ABO10621	Anti-LXR Alpha	Q13133	WB
AP11690b	p16INK4a (C-term E119)	P42771	WB,IHC,IF,FC
AP9311a	P21Cip1-S130	P38936	WB,IF
AP6266e	p53 (S15)	P04637	WB,IF
AP6266h	p53 (S315)	P04637	WB,IHC,IF
AP6266d	p53 (T55)	P04637	WB,IF,IHC
AP1290a	Pan SUMO	P55854	WB,IF,IHC

CAT. #	NAME	UNIPROT	APPLICATION
AP3039a	Phospho-Bad-S99	Q92934	WB
AP3789a	Phospho-bcl-2(S70)	P10415	DB,WB
AP3072a	Phospho-cJun(S63)	P05412	DB,WB,IHC
AP3206a	Phospho-P53(S9)	P04637	DB,WB,IF
AP3207a	Phospho-p53(T18)	P04637	DB,WB,IHC
AP1851e	PI3KC3 (S34)	Q8NEB9	WB,IHC
AP8856b	PSMB1 (C-term)	P20618	WB,IHC,IF,FC
AP20507b	PSMB2 (C-term)	P49721	WB
AP8436a	PTEN (N-term)	P60484	WB,IHC,IF
AP8614c	PTK2 (Center)	Q05397	WB,IHC,FC,IF
AP20475b	RAT Ccnl2 (C-term)	Q5I0H5	WB
AP20471c	SAP30BP (Center)	Q9UHR5	WB
AP18803c	SFN (Center)	P31947	WB
AP5993b	SFN (C-term)	P31947	WB,IHC,IF,FC
ALS15339	SLC25A6 / ANT3 (aa121-170)	P12236	WB, IHC-P, E
AP2183b	SQSTM1 (p62) (C-term)	Q13501	WB,IHC,IF
AP13711a	SUMO1 (N-term)	P63165	IF,WB,IHC
AP1223e	SUMO2/3 (C-term E69)	P55854	WB,IF,IHC
AP14594a	TAF9 (N-term)	Q16594	IF,WB
AM1895a	TRAF2 antibody (Ascites)	Q12933	WB
AM1895b	TRAF2	Q12933	WB,IF
AM2244b	TP53 (N-term)	P04637	Q12933
ABO11926	Anti-p73 Picoband™	O15350	WB, IHC-P
ABO11485	Anti-Tuberin	P49815	WB
AP20077c	TSC2 (Center S1418/S1420)	P49815	WB
AP6348d	Tuberin (TSC2) (S1798)	P49815	IF,WB,IHC
AP19802a	UBE2K(N-term)	P61086	WB
AP21546b	MMP23A (C-Term)	O75900	WB, E
ASC11654	ULK2	Q8IYT8	WB, IHC-P, IF, E
AM2226a	VRK1 (Center)(Ascites)	Q99986	WB

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