

Table SII. Antibodies used in the present study.

	Antigen	Source	Clonality	Cat. no.	Manufacturer	Dilution	Type	Conjugate
1	ATM	Rabbit	Monoclonal	2873	Cell Signaling Technology, Inc.	1/1,000	IgG	
2	p-ATM (Ser1981)	Rabbit	Monoclonal	5883	Cell Signaling Technology, Inc.	1/1,000	IgG	
3	ATR	Rabbit	Polyclonal	2790	Cell Signaling Technology, Inc.	1/1,000	IgG	
4	p-ATR (Ser428)	Rabbit	Polyclonal	2853	Cell Signaling Technology, Inc.	1/1,000	IgG	
5	CHK1	Mouse	Monoclonal	2360	Cell Signaling Technology, Inc.	1/1,000	IgG1	
6	p-CHK1 (Ser286)	Rabbit	Polyclonal	bs-13906R	Bioss Antibodies	1/1,000	IgG	
7	CHK2	Rabbit	Monoclonal	13954-1	Proteintech Group, Inc.	1/1,000	IgG	
8	p-CHK2 (Thr68)	Rabbit	Polyclonal	AB12191	Abscitech	1/1,000	Peptide	
9	Cdc25C	Rabbit	Polyclonal	4688	Cell Signaling Technology	1/1,000	IgG	
10	p-Cdc25C (Thr48)	Rabbit	Polyclonal	12028	Cell Signaling Technology, Inc.	1/1,000	IgG	
11	CDK1	Rabbit	Polyclonal	10762-1	Proteintech Group, Inc.	1/1,000	IgG	
12	p-CDK1 (Thr14)	Rabbit	Polyclonal	AB11997	Abscitech	1/1,000	Peptide-KLH	
13	Cyclin B1	Rabbit	Polyclonal	55004-1	Proteintech Group, Inc.	1/1,000	IgG	
14	Bax	Mouse	Monoclonal	60267-1	Proteintech Group, Inc.	1/1,000	IgG2b	
15	Cytochrome C	Rabbit	Monoclonal	4272	Cell Signaling Technology	1/1,000	IgG	
16	Cleaved PARP	Rabbit	Polyclonal	9542	Cell Signaling Technology, Inc.	1/1,000		
17	Bcl-2	Rabbit	Polyclonal	4223	Cell Signaling Technology, Inc.	1/1,000	IgG	
18	Caspase-3	Rabbit	Polyclonal	19677-1	Proteintech Group, Inc.	1/1,000	IgG	
19	Caspase-9	Rabbit	Polyclonal	10380-1	Proteintech Group, Inc.	1/1,000	IgG	
20	Cleaved Caspase-9	Rabbit	Polyclonal	AB40504-1	Abscitech	1/1,000	Peptide	
21	Cleaved caspase-3	Rabbit	Polyclonal	AB40500-1	Abscitech	1/1,000		
22	β -actin	Mouse	Polyclonal	66009-1	Proteintech Group, Inc.	1/5,000	IgG2b	
23	Goat anti-mouse IgG (H+L), HRP conjugate			SA00001-1	Proteintech Group, Inc.	1/5,000		Purified from horseradish root
24	Goat anti-rabbit IgG (H+L), HRP conjugate			SA00001-2	Proteintech Group, Inc.	1/5000		Purified from horseradish root
25	γ H2AX	Rabbit	Monoclonal	9718	Cell Signaling Technology, Inc.	1/1000	IgG	
25	Ki-67	Mouse	Monoclonal	9449	Cell Signaling Technology, Inc.	1/400	IgG1	