

Antibody	Clone	Manufacturer	Dilution	Product number	Antigen retrieval	Primary incubation	Scoring
4EBP1(phospho Ser65)	174A9	Cell Signaling	1/1000	9456	36 min CC1	1h	proportion of tumor cells with nuclear staining (0 - 50% vs 51 - 100%)
Akt (phospho Ser473)	D9E	Cell signaling	1/50	4060	microwave citraat	o/n 4oC	cytoplasmic intensity (0 vs 1-3)
Akt (phospho Thr308)	C31E5E	Cell signaling	1/50	2965	36 min CC1	1h	cytoplasmic intensity (0 vs 1-3)
Androgen Receptor	SP107	Roche / Ventana	dispenser	760-4605	32 min CC1	32 min	proportion of tumor cells with nuclear staining (0 - 100%)
ERK (Phospho-p44/42 MAPK Thr202/Tyr204)	D13.14.4E	Cell Signaling	1/400	4370	64 min CC1	1h	proportion of tumor cells with nuclear staining (0 vs 1 - 100%)
ERa(phospho Ser118)	16J4	Cell Signaling	1/1200	2511	92 min CC1	32 min	proportion of tumor cells with nuclear staining (0 - 49% vs 50 - 100%)
ERa(phospho Ser167)	D1A3	Cell Signaling	1/50	5587	44 min CC2	1h	proportion of tumor cells with nuclear staining (0 - 49% vs 50 - 100%)
EZH2	6A10	Leica	1/800	NCL-L-EZH2	64 min CC1	1h	proportion of tumor cells with nuclear staining (0 - 50% vs 51 - 100%)
FEN1	H-300	Santa cruz	1/100	sc-13051	68 min CC2	1h	proportion of tumor cells with nuclear staining (0 - 36% vs 37 - 100%)
IGF1R	G11	Roche / Ventana	dispenser	790-4346		16 min	membranous intensity (0-2 vs 3)
IGF1R/IR (phospho Tyr1131/Tyr1146)		Cell Signaling	1/100	3021	36 min CC1	1h	cytoplasmic intensity (0 vs 1-3)
mTOR (phospho Ser2448)	49F9	Cell signaling	1/300	2976	36 min CC1	1h	proportion of tumor cells with submembranous staining (0-59% vs 60 - 100%)
P53 binding protein (53BP1)		Bethyl	1/2000	a300-272a	32 min CC2	44 min	proportion of tumor cells with nuclear staining (0 - 30% vs 31 - 100%)
PTEN	138G6	Cell signaling	1/100	9559	36 min CC1	1h	cytoplasmic intensity (0 vs 1-3)
S6K1 (phospho Thr389)	1A5	Cell signaling	1/300	9206	36 min CC1	32 min	cytoplasmic intensity (0 vs 1-3)
S6RP (phospho Ser235/236)	2211	Cell Signaling	1/50	2211	36 min CC1	1h	percentage of tumour cells with cytoplasmic and membranous staining (0 -19% vs 20 - 100%)