

Automated IHC: Antibodies Previously Optimized by HSR

Updated December 2025

Ab	Host	Vendor & Catalog #	Clone	Instrument	Validated for Clinical or Research
Caspase-3	Rb	Cell Signaling 9661	ASP175	Leica Bond	R
CD45	Ms	Invitrogen 14-0459-82	HI30	Leica Bond	R
Chromogranin A	Ms	DAKO M0869	DAK-A3	Leica Bond	R
Ck19	Rb	Cell Sig 12202	D3B5	Leica Bond	R
Collagen I	Rb	Abcam ab138492	EPR7785	Leica Bond	R
CXXC5	Rb	Proteintech 16513-1-AP	x	Leica Bond	R
Ki67	Rb	Cell Signaling 12202	D385	Leica Bond	R
Ki67	Ms	Cell Signaling 9449	8D5	Leica Bond	R
Nestin	ms	ABCam ab18102	2C1.3A11	Leica Bond	R
PDL-1	Ms	DAKO SK006	22C3	Leica Bond	CL
pERK 1/2	Rb	Cell Sig 9718	2.00E+04	Leica Bond	R
Phospho-histone H2A.X	Rb	Cell Sig 9718	Ser139/20E3	Leica Bond	R
PTEN	Rb	Cell Sig 9188	D4.3	Leica Bond	CL
Synaptophysin	Rb	Cell Sig 36406	D8F6H	Leica Bond	R
TIGIT	Rb	Cell Sig 99567	E5Y1W	Leica Bond	R