

Supplementary Table S1. Information on the antibody used in this study.

Application	Target	Antibody***	Company	Dilution	Antigen retrieval for IHC (buffer pH)
Neutralization	HSP70	Mouse monoclonal (W27)	Santa Cruz	1:40	-
	HSP70	Mouse monoclonal (W27)	Santa Cruz	1:2000	-
WB	CD63	Mouse monoclonal (3-13)	Wako	1:4000	-
	TGF- β	Rabbit polyclonal (GTX130023)	GeneTex	1:1000	-
	β -actin	Mouse monoclonal	SIGMA- ALDRICH	1:50000	-
ICC/IF	HSP70	Mouse monoclonal (W27)	Santa Cruz	1:400	-
	HSP70	Mouse monoclonal (W27)	Santa Cruz	1:400	AC pH9****
	CD163	Mouse monoclonal (NCL-L-CD163)	Leica	1:200	AC pH9****
IHC	Ki67	Mouse monoclonal (MIB1)	DAKO	1:100	AC pH6 (Citrate buffer)
	ER*	Rabbit monoclonal (SP1)	Roche	-	NA
	PR*	Rabbit monoclonal (1E2)	Roche	-	NA
	HER2**	HercepTest -	DAKO	-	Water bath (Product component)

AC; autoclave, ER; estrogen receptor, HER2; human epidermal growth factor receptor 2, HSP70; heat shock protein 70, ICC/IF; immunocytochemistry/immunofluorescence, IHC; immunohistochemistry, NA; not applicable, PR; progesterone receptor, TGF- β ; transforming growth factor beta, WB; western blotting

*; Immunohistochemistry for ER and PR was carried out using Ventana Benchmark XT system. **; Immunohistochemistry for HER2 was carried out using Herceptest (DAKO). ***; Clone number or catalog number were given for monoclonal antibody and polyclonal antibody, respectively. ****; Buffer solution was purchased from Nichirei Bio.

Supplementary Table S2. Sequences of the siRNA oligonucleotides and primers used in this study.

Target	Application	Sequences
<i>HSPA1A</i> , <i>HSPA1B</i>	siHSP70#1	Sense: 5'-CGACGGAGACAAGCCCAAG-3' Antisense: 5'-CUUGGGCUUGUCUCCGUCG-3'
<i>HSPA1A</i> , <i>HSPA1B</i>	siHSP70#2	Sense: 5'-CCAUGACGAAAGACAACAA-3' Antisense: 5'-UUGUUGUCUUUCGUCAUGG-3'
<i>CD163</i>	Real time PCR	Forward: 5'-CGGCTGCCTCCACCTCTAAGT-3' Reverse: 5'-ATGAAGATGCTGGCGTGACA-3'
<i>TGFBI</i>	Real time PCR	Forward: 5'-AGCGACTCGCCAGAGTGGTTA-3' Reverse: 5'-GCAGTGTGTTATCCCTGCTGTCA-3'
<i>IL10</i>	Real time PCR	Forward: 5'-ATCAAGGCGCATGTGAAC-3' Reverse: 5'-CAGGGAAGAAATCGATGACAG-3'
<i>MMP2</i>	Real time PCR	Forward: 5'-ATAACCTGGATGCCGTCGTG-3' Reverse: 5'-AGCCTAGCCAGTCGGATTTG-3'
<i>RPL13A</i>	Real time PCR	Forward: 5'-CCTGGAGGAGAAGAGGAAAG-3' Reverse: 5'-TTGAGGACCTCTGTGTATTT-3'

HSPA1; heat shock protein family A member 1, *IL10*; interleukin 10, *MMP2*; matrix metalloproteinase-2, *RPL13A*; ribosomal protein L13A, *TGFBI*; transforming growth factor beta 1