



Supplemental Figure 1 Immunohistochemistry analysis of cathepsin L in tissue sections from 39 gastric cancer patients at Central Hospital of Wuhan. Significant analysis of cathepsin L + cell counts according to metastasis state in the tumor margin or bulk by Image J *via* the geometric mean of 3 representative views from each section. Data points are presented as the means \pm SD. Error bars represent SD; ns, $P > 0.05$; $aP < 0.05$; $cP < 0.001$ according to Student's *t* test. CTSL: cathepsin L; PM: Peritoneal metastasis.

Supplementary Table 1 The sequences of primers used for quantitative real-time polymerase chain reaction in this study

Gene name	Primer	Sequence (5' to 3')
<i>Cathepsin L</i>	Forward	AAACTGGGAGGCTTATCTCACT
	Reverse	GCATAATCCATTAGGCCACCAT
β -actin	Forward	CATGTACGTTGCTATCCAGGC
	Reverse	CTCCTTAATGTCACGCACGAT
<i>TNF-α</i>	Forward	CCTCTCTCTAATCAGCCCTCTG
	Reverse	GAGGACCTGGGAGTAGATGAG
<i>IL-6</i>	Forward	ACTCACCTCTTCAGAACGAATTG
	Reverse	CCATCTTTGGAAGGTTTCAGGTTG

<i>Arginase 1</i>	Forward	TGGACAGACTAGGAATTGGCA
	Reverse	CCAGTCCGTCAACATCAAAACT
<i>CD163</i>	Forward	TTGTCAACTTGAGTCCCTTCAC
	Reverse	TCCCGCTACACTTGTTTTAC
<i>CD206</i>	Forward	GGGTGCTATCACTCTCTATGC
	Reverse	TTTCTTGTCGTGGCCGTAGTT
<i>IL-10</i>	Forward	GACTTTAAGGGTTACCTGGGTIG
	Reverse	TCACATGCGCCTTGATGTCTG

TNF- α : Tumor necrosis factor- α ; IL: Interleukin.