



Figure S1 The representative pathological pictures of each subtype. (A) MP/S⁻Lep⁺ subtype; (B) MP/S⁻Lep⁻ subtype; (C) MP/S⁺Lep⁺ subtype; (D) MP/S⁺Lep⁻ subtype. Slides were stained with H&E stain and images were examined at $\times 50$ objective.

Table S1 The multivariable analysis results of each subtype as a reference for recurrence-free survival

Recurrence-free survival	Multivariable analysis		
	HR	95% CI	P
Subtype			
MP/S ⁺ Lep ⁺	Ref		
MP/S ⁻ Lep ⁻	0.954	0.366–2.490	0.924
MP/S ⁻ Lep ⁺	0.359	0.116–1.114	0.076
MP/S ⁺ Lep ⁻	2.457	1.096–5.513	0.029
Subtype			
MP/S ⁻ Lep ⁻	Ref		
MP/S ⁺ Lep ⁺	1.048	0.402–2.735	0.924
MP/S ⁻ Lep ⁺	0.376	0.120–1.177	0.093
MP/S ⁺ Lep ⁻	2.575	1.103–6.013	0.029
Subtype			
MP/S ⁻ Lep ⁺	Ref		
MP/S ⁻ Lep ⁻	2.658	0.849–8.315	0.093
MP/S ⁺ Lep ⁺	2.785	0.898–8.644	0.076
MP/S ⁺ Lep ⁻	6.844	2.338–20.035	<0.001
Subtype			
MP/S ⁺ Lep ⁻	Ref		
MP/S ⁻ Lep ⁻	0.388	0.166–0.907	0.029
MP/S ⁺ Lep ⁺	0.407	0.181–0.913	0.029
MP/S ⁻ Lep ⁺	0.146	0.050–0.428	<0.001

HR, hazard ratio; CI, confidence; Lep, lepidic; MP/S, micropapillary/solid.

Table S2 The multivariable analysis results of each subtype as a reference for overall survival

Overall survival	Multivariable analysis		
	HR	95% CI	P
Subtype			
MP/S ⁺ Lep ⁺	Ref		
MP/S ⁻ Lep ⁻	2.335	0.723–7.540	0.156
MP/S ⁻ Lep ⁺	0.581	0.152–2.222	0.427
MP/S ⁺ Lep ⁻	4.045	1.285–12.736	0.017
Subtype			
MP/S ⁻ Lep ⁻	Ref		
MP/S ⁺ Lep ⁺	0.428	0.133–1.383	0.156
MP/S ⁻ Lep ⁺	0.249	0.084–0.738	0.012
MP/S ⁺ Lep ⁻	1.732	0.719–4.175	0.221
Subtype			
MP/S ⁻ Lep ⁺	Ref		
MP/S ⁻ Lep ⁻	4.023	1.356–11.937	0.012
MP/S ⁺ Lep ⁺	1.723	0.450–6.593	0.427
MP/S ⁺ Lep ⁻	6.968	2.261–21.477	<0.001
Subtype			
MP/S ⁺ Lep ⁻	Ref		
MP/S ⁻ Lep ⁻	0.577	0.240–1.391	0.221
MP/S ⁺ Lep ⁺	0.247	0.079–0.778	0.017
MP/S ⁻ Lep ⁺	0.144	0.047–0.442	<0.001

HR, hazard ratio; CI, confidence; Lep, lepidic; MP/S, micropapillary/solid.