

HMGB1 overexpression as a prognostic factor for survival in cancer: a meta-analysis and systematic review

SUPPLEMENTARY TABLE

Supplementary Table S1: Summary of evaluation standards of HMGB1 expression in included studies

Study	Detection method	Definition of HMGB1 high/positive	Definition of HMGB1 low/negative	Evaluation standard of HMGB1 expression
Akaike et al	IHC	NA	NA	mean value of the counts of positive cancer cells
He et al	IHC	expression score ≥ 2	expression score < 2	expression score (0-3)
Zhang et al	IHC	expression score ≥ 4	expression score < 4	total expression score (0-12)
Yao et al	IHC	staining score ≥ 3	staining score < 3	final staining score (0-7)
Peng et al	IHC	staining score > 3	staining score ≤ 3	final staining score (0-7)
Soldevilla et al	qRT-PCR	NA	NA	NA
Ueda et al	qRT-PCR	NA	NA	median expression level in tumor tissues
Liu et al	IHC	multiply-indexes ≥ 9	multiply-indexes < 9	multiply-indexes (1-16)
Xiao et al	IHC	staining score ≥ 3	staining score < 3	final staining score (0-7)
Chung et al	ELISA	serum level $> 30\text{ng/mL}$	serum level $\leq 30\text{ng/mL}$	serum HMGB1 level
Wittwer et al	ELISA	serum level $> 2.4\text{ng/mL}$	serum level $< 0.8\text{ng/mL}$	serum HMGB1 level
Wu et al	IHC	staining score ≥ 3	staining score < 3	final staining score (0-7)
Liu et al	IHC	staining score ≥ 6	staining score < 6	final staining score (0-7)
Chuangui et al	IHC	staining score ≥ 3	staining score < 3	final staining score (0-7)
Tabata et al	ELISA	serum level $\geq 9.0\text{ng/mL}$	serum level $< 9.0\text{ng/mL}$	serum HMGB1 level
Yang et al	IHC	staining score > 3	staining score ≤ 3	final staining score (0-7)
Li et al	IHC	staining score ≥ 3	staining score < 3	final staining score (0-7)
Sheng et al	ELISA	serum level $> 21.8\text{ng/mL}$	serum level $\leq 21.8\text{ng/mL}$	serum HMGB1 level

IHC: immunohistochemistry; qRT-PCR: quantitative real-time polymerase chain reaction; ELISA: enzyme-linked immunosorbent assay; HMGB1: high-mobility group box 1