

Expression Patterns of Carbonic Anhydrase IX and Immune Response Biomarkers in Pediatric Gliomas and Glioneuronal Tumors

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SI4. Univariate Cox proportional hazards analysis for EFS in pediatric gliomas and GNTs

Characteristics	p-value	HR (95% CI)
CNS WHO grade Grade 1–2 Grade 3–4	0.002**	5.49 (1.89–15.91)
Tumor resection GTR Bx/PR	0.09	0.40 (0.14–1.15)
Sex Male Female	0.15	2.24 (0.75–6.68)
Age >8 years ≤8 years	0.83	0.89 (0.32–2.47)
Tumor location supratentorial infratentorial & spinal	0.54	0.70 (0.22–2.21)
CAIX ≤30 H-score >30 H-score	0.18	0.25 (0.03–1.91)
CD3 ≤5% >5%	0.29	1.99 (0.56–7.10)
CD8 ≤5% >5%	1.0	0

CD44 ≤200 H score >200 H-score	0.16	0.40 (0.11–1.43)
CD68 ≤30% >30%	0.02*	0.18 (0.04–0.80)
CD163 ≤30% >30%	0.36	2.04 (0.44–9.53)
PD-L1 ≤5% >5%	0.25	3.62 (0.40–32.39)
CD206 ≤5% >5%	0.75	1.39 (0.18–11.03)
CCR2 ≤30% >30%	1.0	0

EFS was defined as the time from diagnosis to the occurrence of any event (progression, relapse, or death).

Significance levels: *** $p < 0.001$; ** $p < 0.01$; * $p < 0.05$ (univariate Cox regression).

Abbreviations: Bx, biopsy; CNS, central nervous system; EFS, event-free survival; GNT, glioneuronal and neuronal tumors; GTR, gross total resection; HGG, high-grade glioma; HR, hazard ratio; LGG, low-grade glioma; PR, partial resection; WHO, World Health Organization.