

Product sheet

HROG36 | 300939

General information

Description	Human glioblastoma cell line derived from a 60-year-old male patient with a primary glioblastoma, WHO grade IV, IDH1 R132H, MGMT promoter methylated, EGFR amplified, PTEN deleted, and TP53 mutated.
Organism	Human
Tissue	Brain, Glioblastoma
Disease	Glioblastoma (WHO grade IV)

Cellular characteristics

Age	80 years
Gender	Male
Ethnicity	White
Morphology	Epithelial, spherical cell clusters
Growth properties	Highly proliferative

Identification and safety

Citation	HROG36 (ATCC CCL-221) Cytion 300939
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_4U49

Antigen expression and mutational profile

Antigen expression	GFAP+, CD133+, CD133+, S-100+, GBM+, BTSC+
Mutational profile	IDH1 wt, TP53wt, K-Ras wt, B-RAFwt, MGMT CN=0, PTEN I5S

