

NCI-H146 | 300182

**Description** NCI-H146 A.F. Gazdar 1979

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** H146 H-146 NCH146

**Age** 59

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** NCI-H146 Cytion 300182

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1473

NCI-H146 | 300182

**Receptors expressed** II IGF II

**Protein expression**

**Antigen expression** L-DOPA

**Isoenzymes** G6PD B PGM1 1-2 PGM3 1-2 ES-D 1 Me-2 2 AK-1 1 GLO-1 1 = 0.0009

**Tumorigenic**

**Products** c-myc mRNA c-myc DNA

**Ploidy status**

**MSI-status** (MSS)

**Karyotype** 68 66 70 71 QM X Y

**Culture Medium** RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO3 Cytion 820700a

**Supplements** 10% FBS

**Subculturing**

**Seeding density**  $1.2 \times 10^5$  /

**Fluid renewal** 2 3

**Post-Thaw Recovery** 24 48

**Freeze medium** FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

NCI-H146 | 300182

**Thawing and  
Culturing Cells**

- 1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
- 8.

**Incubation  
Atmosphere**

37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing  
Procedure**

-78 °C

**Shipping  
Conditions**

-78 °C

**Storage  
Conditions**

-150 -196 ❏ -80 °C

/ /HLA

**Sterility**

PCR

NCI-H146 | 300182

---

**HLA**

**A\***: '01:01:01, '03:01:01

**B\***: '14:02:01, '44:03:01

**C\***: '08:02:01, '16:01:01

**DRB1\***: '08:01:01, '15:01:01G

**DQA1\***: '01:02:01, '04:01:01

**DQB1\***: '04:02:01, '06:02:01

**DPB1\***: '02:01:02, '05:01:01

**E**: '01:01:01