# Product sheet

## NCI-H69 | 300185

| | |
|---|---|
| **Description** | APUD . . |
| **Organism** | |
| **Tissue** | |
| **Disease** | |
| **Metastatic site** | |
| **Synonyms** | NCI-H-69, NCI H69, H69, H-69, NCIH69, NCI-HUT-69, H69/P, NCI-H69C, H69C, H69c |

| | |
|---|---|
| **Age** | 55 |
| **Gender** | |
| **Ethnicity** | |
| **Growth properties** | |

| | |
|---|---|
| **Citation** | NCI-H69(H69)( 300185) |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_1579 |

| | |
|---|---|
| **Receptors expressed** | II (IGF II) |

## NCI-H69 | 300185

| | |
|---|---|
| **Protein expression** | P53 , |
| **Isoenzymes** | G6PD, B, PGM1, 2, PGM3, 1, ES-D, 2, Me-2, 1, AK-1, 1, GLO-1, 1-2, : 0.00006 |
| **Tumorigenic** | |
| **Karyotype** | 3p . = 40~73 |

| | |
|---|---|
| **Culture Medium** | RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3( 820700a) |
| **Supplements** | 10% FBS |
| **Doubling time** | 69 |
| **Subculturing** | . . 6~8 . |
| **Split ratio** | 1:2 1:4 |
| **Seeding density** | $1 \times 10^5$ /mL |
| **Fluid renewal** | 2~3 |
| **Post-Thaw Recovery** | 24 . |
| **Freeze medium** | (FBS ) + 10% DMSO , CM-1(Cytion 800100) |

## NCI-H69 | 300185

### Thawing and Culturing Cells

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

### Incubation Atmosphere

37°C, 5% $_{CO2}$, .

### Flask Coating

### Freezing Procedure

-78°C . .

### Shipping Conditions

-78°C . .

### Storage Conditions

-150°C -196°C . 80°C .

### Sterility

PCR .

, .

## NCI-H69 | 300185

| | |
|---|---|
| **STR** | **CSF1PO**: 10, 12<br>**D13S317**: 12<br>**D16S539**: 11<br>**D5S818**: 11,13<br>**D7S820**: 9<br>**TH01**: 8, 9<br>**TPOX**: 10<br>**vWA**: 16, 17<br>**D3S1358**: 16<br>**D21S11**: 30, 31.2<br>**D18S51**: 12<br>**Penta E**: 12<br>**Penta D**: 9,11<br>**D8S1179**: 13<br>**FGA**: 24 |
| **HLA** | **A***: '02:01:01, '23:01:01<br>**B***: '01:01:01, '01.02.1900 03:01<br>**C***: '07:01:01, '14:02:01<br>**DRB1***: '04:04:01, '04:05:01<br>**DQA1***: '03:01:01, '03:03:01<br>**DQB1***: '03:02:01<br>**DPB1***: '01:01:01g, '03:01:01g<br>**E**: '01:01:01 |