

Product sheet

NCI-H2228 | 305125

General Information

Description	ATCC CCL-1989 (ATCC 1989) is a cell line derived from a human melanoma. It is a highly tumorigenic cell line that grows in suspension culture. It is characterized by its ability to form large, multinucleated cells and its high tumorigenicity in nude mice.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Synonyms	NCI-H2228, H-2228, NCIH2228

Characteristics

Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

References and Safety

Citation	NCI-H2228 (ATCC CCL-1989) Cytion 305125
Biosafety level	1
NCBI_TaxID	9606
CellSaurusAccession	CVCL_1543

Media and Reagents

Culture Medium

Culture Medium	RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 g/L NaHCO3 (ATCC 30270a) Cytion 820700a
-----------------------	--

NCI-H2228 | 305125

Supplements 10% FBS

Dissociation Reagent

Subculturing 1. 24h before subculturing, cells should be seeded in 100cm² flasks in 10% FBS. 2. When cells reach 70-80% confluency, they should be trypsinized and seeded into 25cm² flasks in 10% FBS. 3. After 24h, cells should be trypsinized and seeded into 25cm² flasks in 10% FBS. 4. After 24h, cells should be trypsinized and seeded into 25cm² flasks in 10% FBS. 5. After 24h, cells should be trypsinized and seeded into 25cm² flasks in 10% FBS. 6. After 24h, cells should be trypsinized and seeded into 25cm² flasks in 10% FBS. 7. After 24h, cells should be trypsinized and seeded into 25cm² flasks in 10% FBS. 8. After 24h, cells should be trypsinized and seeded into 25cm² flasks in 10% FBS.

Fluid renewal 2-3 times per week

Freeze medium 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Resuspend cells in 10% FBS medium.
4. Seed cells into 25cm² flasks at 70% confluency.
5. Incubate cells at 37°C in 5% CO₂.
6. After 24h, cells should be trypsinized and seeded into 25cm² flasks in 10% FBS.
7. After 24h, cells should be trypsinized and seeded into 25cm² flasks in 10% FBS.
8. After 24h, cells should be trypsinized and seeded into 25cm² flasks in 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -80°C

Product sheet

NCI-H2228 | 305125

Shipping Conditions -78°C

Storage Conditions

Store at -150 to -196 °C

ATCC / DSMZ / HLA

Sterility

PCR ready

Freeze storage