

Product sheet

HCC366 | 302155

Description	HCC366										80
	Anderson										KRA
	Hamon Cancer Center, UT Southwestern Medical Center										
	TP53 p.Tyr220Cys DNA ATM p.Pro534Ala										
	HCC366 NSCLC										AT
										TP53	

Organism

Tissue

Disease

Metastatic site

Applications	NSCLC	TP53 p.Tyr220Cys	ATM DNA	DepMap/CCLE
--------------	-------	------------------	---------	-------------

Synonyms	HCC-366	HCC0366	366
----------	---------	---------	-----

Age	80
-----	----

Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation	HCC366 Cytion 302155
----------	----------------------

Biosafety level	1
-----------------	---

HCC366 | 302155

NCBI_TaxID 9606

CellosaurusAccession CVCL_2059

GMO Status NSCLC TP53 p.Tyr220Cys ATM p.Pro534Ala

MSI-status MSS

Mutational profile TP53 p.Tyr220Cys (c.659A>G) ATM p.Pro534Ala (c.1600C>G)

Culture Medium RPMI 1640 2.0 mM 2.0 g/L NaHCO₃ Cytion 820700a
Supplements 10%**Dissociation Reagent** Accutase**Doubling time** 60 70
Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75
Split ratio 1 5**Seeding density** 1 3×10^4 /cm²**Fluid renewal** 2 3
Post-Thaw Recovery 5×10^4 /cm² 24

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

Product sheet

HCC366 | 302155

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% CO₂

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 °C

-80 °C

Sterility

PCR