

NCI-H2087 | 305824

Description	NCI-H2087	(NSCLC)			
	NCI-H2087	NSCLC	NCI-H2087	KRAS	MAPK PI3K-AKT

Organism

Tissue

Disease

Synonyms	H2087 H-2087 NCIH2087
-----------------	-----------------------

Age	69
------------	----

Gender

Ethnicity

Morphology	/
-------------------	---

Growth properties

Citation	NCI-H2087 Cytion	305824
-----------------	------------------	--------

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

NCBI_TaxID	9606
-------------------	------

CellosaurusAccession	CVCL_1524
-----------------------------	-----------

NCI-H2087 | 305824

Mutational profile	ATM (c.181C>A)G>A	p.Glu848Gln (c.2542G>C) NRAS	BRAF p.Gln61Lys (c.181C>A)	p.Leu597Val (c.1789C>G) TP53	MYC p.Val157Phe (c.469G>T)	p.Glu54Lys (c.160G>A) NRAS
---------------------------	-------------------	------------------------------	----------------------------	------------------------------	----------------------------	----------------------------

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

Supplements	51
--------------------	----

Dissociation Reagent	Accutase
-----------------------------	----------

Seeding density	4×10^4 /
------------------------	-------------------

Freeze medium	+10% DMSO
----------------------	-----------

Thawing and Culturing Cells	1.			
	2.	-150°C		3
	3.	37°C		40-60
	4.		70%	
	5.	8	15	
	6.	200 x g	5	
	7.			

Incubation Atmosphere	37°C, 5% CO ₂
------------------------------	--------------------------

Flask Coating	
----------------------	--

NCI-H2087 | 305824

**Freezing
Procedure**

-78 °C

**Shipping
Conditions**

-78 °C

**Storage
Conditions**

-150 -196 -80 °C

/ /HLA