

LS513 | 300457

Description											
LS513	1985	63							C		
2	LS513		LS1034	p53	LS513	50%	TGFβ-1	100	CEA	2	LS513
LS513		1	ICAM-1	HLA	I						MHC II

**Organism**

Tissue									

**Disease**

Synonyms									
LS513, LS 513									

Age									
63									

**Gender**

Ethnicity									

**Morphology**

Growth properties									

Citation									
LS513 (Cytion 300457)									

**Biosafety level**

1

NCBI_TaxID									
9606									

**CellosaurusAccession**

CVCL\_1386

LS513 | 300457

<b>Protein expression</b>	CEA+ 50% p53+
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<b>Antigen expression</b>	CEA ICAM-1 HLA I
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<b>Tumorigenic</b>	
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<b>Products</b>	1 TGF 1 24 10exp6 83pg
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<b>Karyotype</b>	2 65 51,xY 3 M1-der(1)t(1,15) M2-der(2)t(2,3) der(3)t(2,3) M3 15
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<b>Culture Medium</b>	DMEM:Ham's F12 (1:1) w: 3.1 g/L w: 2.5 mM L- w: 15 mM HEPES w: 0.5 mM w: 1.2 g/L NaHCO3 (Cyt
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<b>Supplements</b>	10% FBS
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<b>Dissociation Reagent</b>	
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<b>Subculturing</b>	PBS T25 3-5ml T75 5-10ml PBS T25 1-2m
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<b>Seeding density</b>	$1 \times 10^4 / \text{cm}^2$
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<b>Fluid renewal</b>	3
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<b>Post-Thaw Recovery</b>	$4 \times 10^6$ 24
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<b>Freeze medium</b>	FBS 10 DMSO CM-1
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Thawing and Culturing Cells				
1.				
2.		-150		3
3.		37		40 60
4.	70			
5.		8ml	15ml	
6.	300 x g	3		
7.	10ml		2	T25
8.				

**Incubation Atmosphere** 37 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions** -78

**Storage Conditions** -150 -196 80

**HLA**

**Sterility** PCR

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**HLA**

**A\*:** '32:01:01

**B\*:** '51:01:01

**C\*:** '01:02:01

**DRB1\*:** '11:01:01

**DQA1\*:** '05:05:01

**DQB1\*:** '03:01:01

**DPB1\*:** '04:01:01

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