

LS513 | 300457

<b>Description</b>	LS513	1985	63			C	LS513	
	LS513		p53	50%	CEA	LS513	MHC I	HLA β2
	β2	LS1034	LS513	TGF-β1	100			
	LS513		1 ICAM-1	HLA I		MHC		

**Organism**

<b>Tissue</b>
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**Disease**

<b>Synonyms</b>	LS513 LS 513
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<b>Age</b>	63
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**Gender**

<b>Ethnicity</b>
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**Morphology**

<b>Growth properties</b>
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<b>Citation</b>	LS513 Cytion 300457
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**Biosafety level** 1

<b>NCBI_TaxID</b>	9606
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**CellosaurusAccession** CVCL\_1386

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**Protein expression** CEA+ 50% p53+

**Antigen expression** (CEA) ICAM-1 HLA I

**Tumorigenic**

**Products** beta-1 TGF beta-1 10 exp6 83 /24

**Karyotype** 65% 51xY 3 M1-der(1)t(1,15) M2-der(2)t(2,3)der(3)t(2,3) M3 15 52xY

**Culture Medium** 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 Cytion

**Supplements** 10% FBS

**Dissociation Reagent** Accutase

**Subculturing** PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

**Seeding density**  $1 \times 10^4$  /

**Fluid renewal** 3

**Post-Thaw Recovery**  $4 \times 10^5$  24

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

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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% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78 °C

**Shipping Conditions** -78 °C

**Storage Conditions** -150 -196 -80 °C

/ /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