

LS513 | 300457

Description									
LS513			1985	63			C		LS513
	LS513		p53		50%	CEA	LS513		MHC I
LS1034	LS513	TGF-β-1		100					
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

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<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>	β-1 TGF-β-1 10 exp6 24 83 pg
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<b>Karyotype</b>	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 3.1 g/L 2.5 mM L- 15 mM HEPES w: 0.5 mM w: 1.2 g/L NaHCO <sub>3</sub> Cytion
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<b>Supplements</b>	10% FBS
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<b>Dissociation Reagent</b>	Accutase
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<b>Subculturing</b>	PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75
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<b>Seeding density</b>	1 × 10 <sup>4</sup> /cm <sup>2</sup>
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<b>Fluid renewal</b>	3
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<b>Post-Thaw Recovery</b>	4 /cm <sup>2</sup> × 10 24
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<b>Freeze medium</b>	FBS + 10% DMSO 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
8.				T25

**Incubation Atmosphere**

37°C 5% CO<sub>2</sub>

Shipping Conditions	
	-78 °C

**Storage Conditions**

-150 -196 °C

-80 °C

Sterility	
	PCR