

LS513 | 300457

<b>Description</b>	LS513	1985	63	.			C		.L
	LS513			. p53	, 50%	(CEA)	LS513	HLA	2
	TGF -1	LS513		, TGF -2		. LS1034	, LS513	TGF -1	10
	LS513		1(ICAM-1)	HLA	I		. MHC II		,

<b>Organism</b>	
<b>Tissue</b>	

<b>Disease</b>	
<b>Synonyms</b>	LS513, LS 513

<b>Age</b>	63
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<b>Gender</b>	
<b>Ethnicity</b>	

<b>Morphology</b>	
<b>Growth properties</b>	

<b>Citation</b>	LS513(	300457)
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<b>Biosafety level</b>	1
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<b>NCBI_TaxID</b>	9606
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<b>CellosaurusAccession</b>	CVCL_1386
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**Protein expression** CEA+(50%), p53+

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

**Tumorigenic** ,

**Products** 1(TGF 1, 24 10 exp6 83 )

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

**Culture Medium** DMEM: F12(1:1), w: 3.1 g/L , w: 2.5mM L- , w: 15mM HEPES, w: 0.5mM , w: 1.2 g/L NaHCO3 (Cytion 820

**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** PBS . T25 3~5ml, T75 5~10ml PBS . T25

**Seeding density**  $1 \times 10^4 / \text{cm}^2$

**Fluid renewal** 3

**Post-Thaw Recovery**  $4 \times 10^4 / \text{cm}^2$  , 24 .

**Freeze medium** (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.	8ml 15ml .
6.	300 x g 3 .
7.	10ml . 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°C -196°C .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