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**Immuno Polymorphism Database**

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IPD > ESTDAB > Search

**ESTDAB Cell Profile for ESTDAB-150 (Ma-Mel-6)**

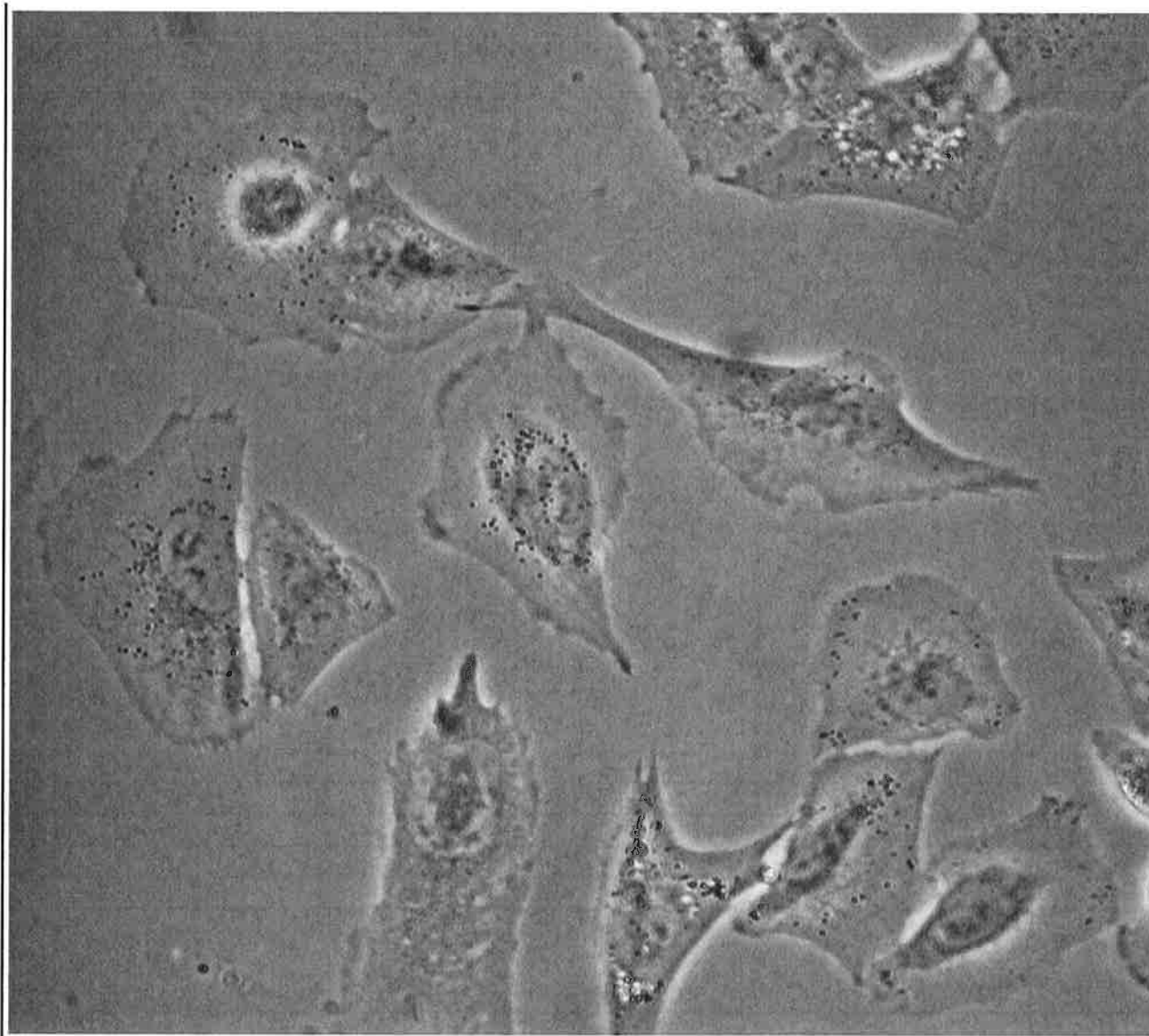
**Cell Source**

<b>Cell Type:</b>	Melanoma	<b>Tissue of Origin:</b>	Unknown
<b>Ethnic Origin:</b>	Unknown	<b>Gender:</b>	Unknown
<b>Medium Used:</b>	RPMI 1640, 10% FBS	<b>Morphology:</b>	Unknown
<b>Mycoplasma:</b>	-		
<b>Comments:</b>	None		

**Image of Cell**

[Cell Image \(200x Magnification\)](#)





**Primary Search Determinants**

High Resolution HLA Typing

High Resolution Typing of HLA and Related Genes	(Help on HLA High Resolution Typing)
HLA-A	0101/04N, 0201/09/43N
HLA-B	0801, 15010101/15010102N
HLA-C	0304, 070101/06
HLA-DRB1	0301, 1301
HLA-DRB3	ND
HLA-DRB4	ND
HLA-DRB5	ND
HLA-DQA1	ND
HLA-DQB1	0603, 0201/02
HLA-DPA1	ND
HLA-DPB1	0301, 0501

HLA and Related Genes, Surface Expression

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FACS Data			(Help on FACS Data)	
Marker	Initial		After 48hrs IFN-Gamma Induced	
	Normalised Score	Intensity	Normalised Score	Intensity
HLA-A	ND	0	ND	0
HLA-A,B,C	ND	0	ND	0
HLA-B	ND	0	ND	0
HLA-Bw4	ND	0	ND	0
HLA-Bw6	ND	0	ND	0
HLA-C	ND	0	ND	0
HLA-DP	ND	0	ND	0
HLA-DQ	ND	0	ND	0
HLA-DR	ND	0	ND	0
HLA-E	ND	0	ND	0
HLA-G	ND	0	ND	0
MICA	+	2,3	+/-	1,83
MICA/B	+	2,06	+/-	1,6
MICB	-	1,05	-	0,95
B2m	ND	0	ND	0

Tumour Associated Antigens

Tumour Associated Antigens		(Help on Tumour Associated Antigens)	
Marker	Score	Marker	Score
BAGE	++	MAGE 6	+
BUC1	ND	Mart 1	-
GAGE	+++	MMP2	ND
gp100	-	MTA-1	ND
MAGE 1	+	MUC-1	++
MAGE 10	+	NA17-A	ND
MAGE 12	++	NY ESO	-
MAGE 2	-	SURVIVIN	+++
MAGE 3	+	T128	ND
MAGE 4	-	T17	ND
MAGE 6	+	T21	ND
Mart 1	-	TACC1D	ND
MMP2	ND	TRAG 3	+
MTA-1	ND	TRP 1	+

Chromium Release Assay				(Help on Chromium Release Assay)
Marker	Specificity	Ratio	Lysis (%)	
gp100 (154-162)	ND	ND	ND	
gp100 (209-217)	ND	ND	ND	
Mart1 (27-25)	ND	ND	ND	

Immunohistochemistry		(Help on Immunohistochemistry)
Marker	Score	
gp100	ND	

Cytokine Secretions

Cytokine Secretion Data				(Help on Cytokine Secretions)
Marker	Substrate - Plastic	Marker	Substrate - Matrigel	
Interferon Gamma	0	Interferon Gamma	0	
Interleukin 10	1.51	Interleukin 10	6.44	

<b>Interleukin 6</b>		<b>Interleukin 6</b>	
<b>Interleukin 8</b>	1551.12	<b>Interleukin 8</b>	2000
<b>TGF Beta</b>	324.75	<b>TGF Beta</b>	532,23
<b>TNF Alpha</b>	0	<b>TNF Alpha</b>	0

## Secondary Search Determinants

 Antigen Processing

Western Blot Data		(Help on Western Blot Data)	
Marker	Initial	After 72hrs IFN-Gamma Induced	
<b>Heavy Chain</b>	ND	ND	
<b>LMP2</b>	ND	ND	
<b>LMP7</b>	ND	ND	
<b>MECL1</b>	ND	ND	
<b>TAP1</b>	ND	ND	
<b>TAP2</b>	ND	ND	

 Apoptosis

FACS Data		(Help on FACS Data)		
Marker	Initial		After 48hrs IFN-Gamma Induced	
	Normalised Score	Intensity	Normalised Score	Intensity
<b>B7H1</b>	-	1,35	+	4,22
<b>CD95</b>	+	4,47	+	4,57
<b>CD95L</b>	ND	0	ND	0
<b>PD-1</b>	ND	0	ND	0
<b>TRAIL-R1</b>	-	1,35	-	1,24
<b>TRAIL-R2</b>	+	3,67	-	0,85
<b>TRAIL-R3</b>	-	1,03	-	0,98
<b>TRAIL-R4</b>	-	1,41	-	1,31

RNA Protection Assay Data		(Help on RNA Protection Assay)	
Marker	Score	Marker	Score
<b>caspase-8</b>	ND	<b>RIP</b>	ND
<b>cIAP1</b>	ND	<b>TNFRp55</b>	ND
<b>cIAP2</b>	ND	<b>TRADD</b>	ND
<b>DR3 TRAMP APO3</b>	ND	<b>TRAF1</b>	ND
<b>FADD</b>	ND	<b>TRAF2</b>	ND
<b>FAF</b>	ND	<b>TRAF3</b>	ND
<b>FAP</b>	ND	<b>TRAF4</b>	ND
<b>Fas</b>	ND	<b>TRAIL</b>	ND
<b>FasL</b>	ND	<b>TRPM2</b>	ND
<b>NAIP</b>	ND	<b>XIAP</b>	ND

Western Blot Data		(Help on Western Blot Data)	
Marker	Score	Marker	Score
<b>APAF1</b>	ND	<b>Bcl xL</b>	ND
<b>BAX</b>	ND	<b>Bcl xS</b>	ND
<b>Bcl 2</b>	ND	<b>Bid</b>	ND
<b>Bcl w</b>	ND	<b>FLIP</b>	ND

 Cytokine Polymorphisms

Cytokine Polymorphism Data		(Help on Cytokine Polymorphisms)	
Marker	Position	Polymorphism	Polymorphism

Interferon Gamma	-333		
Interferon Gamma	874		
Interleukin 10	-1082		
Interleukin 10	-819		
Interleukin 10	-592		
Interleukin 10	571		
Interleukin 6	-174		
TGF Beta	-988		
TGF Beta	-800		
TGF Beta	-509		
TGF Beta	codon 10		
TGF Beta	codon 25		
TGF Beta	652		
TGF Beta	653		
TGF Beta	713		
TGF Beta	788		
TGF Beta	869		
TGF Beta	915		
TNF Alpha	-1031		
TNF Alpha	-863		
TNF Alpha	-857		
TNF Alpha	-851		
TNF Alpha	-574		
TNF Alpha	-376		
TNF Alpha	-308		
TNF Alpha	-238		
TNF Alpha	488		

☐ DNA Profile

DNA Profile		(Help on DNA Profiles)	
Marker	Score	Marker	Score
Amelogenin	Y	D7S820	10
CSF1PO	10, 12	FGA	22, 26
D13S317	11, 13	TH01	9, 3
D3S1358	14, 15	TPOX	8, 9
D5S818	12, 13	vWA	16, 18

☐ Extra Cellular Matrix

Cell Adhesion		(Help on Cell Adhesion)					
Marker	Score	Marker	Score				
Collagen	+++	Laminin	++				
Fibronectin	+++						
Glycosyltransferases		(Help on Glycosyltransferases)					
Marker	Score	Marker	Score				
FUT1	+	SIAT3	+				
FUT4	+	SIAT4C	+				
MGAT5	+						
Lectins		(Help on Lectins)					
Mol. Weight (KDa)	DSA	GNA	LTA	NAA	PHA-L	SBA	SNA
<30	-	-	3	-	-	ND	-

31-40	-	1	2	-	-	ND	-
41-50	3	1	1	-	-	ND	-
51-60	-	1	1	2	-	ND	-
61-70	1	1	-	1	-	ND	2
71-80	-	1	-	-	-	ND	-
81-90	-	1	1	1	1	ND	-
91-100	-	1	1	1	1	ND	-
101-110	-	-	1	1	1	ND	-
111-120	1	1	-	1	1	ND	-
121-130	-	1	1	-	-	ND	-
131-140	-	-	-	-	-	ND	-
141-150	1	-	-	-	-	ND	-
151-160	-	1	-	-	-	ND	-
161-170	-	-	1	1	-	ND	-
171-180	-	-	1	-	-	ND	-
181-190	-	-	-	-	-	ND	-
191-200	1	1	1	-	-	ND	-
>200	2	2	2	2	-	ND	-

☐ Surface Markers

FACS Data		(Help on FACS Data)		
Marker	Initial		After 48hrs IFN-Gamma Induced	
	Normalised Score	Intensity	Normalised Score	Intensity
CD112	+	2,61	+	2,33
CD11a	ND	0	ND	0
CD11b	+	2,2	ND	0
CD155	++	20,82	++	21,87
CD40	-	1,07	-	1,18
CD44	++	41,62	++	50,94
CD48	-	1	ND	0
CD49d	++	41,6	ND	0
CD54	+	9,1	++	29,17
CD56	+	4,2	ND	0
CD57	+	3,7	ND	0
CD58	+	7,67	+	6,21
CD80	ND	0	ND	0
CD86	ND	0	ND	0
CD95	+	4,47	+	4,57
CD95L	ND	0	ND	0
ULBP1	-	1,11	-	1,08
ULBP2	+	2,63	+/-	1,63
ULBP3	-	1,27	-	1,26
gp100	+/-	1,91	+	2,66

Immunohistochemistry		(Help on Immunohistochemistry)	
Marker	Score	Marker	Score
		<b>P-Cadherin</b>	ND
<b>K-Cadherin</b>	ND	<b>VE-Cadherin</b>	ND
<b>N-Cadherin</b>	ND		
<b>gp100</b>	ND	<b>Survivin</b>	ND

☐ (Epi)Genetic Analysis

(Epi)Genetic Analysis		(Help on (Epi)Genetic Analysis)			
Marker	Mutation		Deletion		Methylation
	Presence	Description	Presence	Description	Presence
APC	ND	ND	N/A	N/A	ND
BRAF	ND	ND	N/A	N/A	N/A
CDK4	ND	ND	N/A	N/A	N/A
CTNNB1	ND	ND	N/A	N/A	N/A
NRAS	ND	ND	N/A	N/A	N/A
PTEN	ND	ND	ND	ND	N/A
RASSF1A	N/A	N/A	N/A	N/A	ND
RB1	ND	ND	ND	ND	N/A
TP53	ND	ND	N/A	N/A	N/A
p16	ND	ND	ND	ND	ND
p27	N/A	N/A	N/A	N/A	ND

**IMGT/HLA**

[Human Leukocyte Antigen Sequences](#)

**KIR**

[Killer-cell Immunoglobulin-like Receptor Sequences](#)

**MHC**

[Non-Human Major Histocompatibility Complex Sequences](#)

**HPA**

[Human Platelet Antigen Nomenclature](#)

**ESTDAB**

[European Searchable Tumour Line Database](#)

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EMBL-EBI, Wellcome Trust Genome Campus, Hinxton, Cambridgeshire, CB10 1SD, UK +44 (0)1223 49 44 44

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