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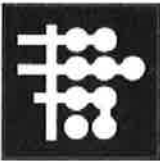
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- [Industry](#)
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## Immuno Polymorphism Database

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- [IMGT/HLA](#)
- [KIR](#)
- [MHC](#)
- [HPA](#)
- [ESTDAB](#)
- [Contact](#)
- [Support](#)

[IPD](#) > [ESTDAB](#) > Search

### ESTDAB Cell Profile for ESTDAB-209 (Ma-Mel-4)

#### 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
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### 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	ND
HLA-B	ND
HLA-C	ND
HLA-DRB1	ND
HLA-DRB3	ND
HLA-DRB4	ND
HLA-DRB5	ND
HLA-DQA1	ND
HLA-DQB1	ND
HLA-DPA1	ND
HLA-DPB1	ND

HLA and Related Genes, Surface Expression

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

<b>HLA-Bw6</b>	ND	0	ND	0
<b>HLA-C</b>	ND	0	ND	0
<b>HLA-DP</b>	ND	0	ND	0
<b>HLA-DQ</b>	ND	0	ND	0
<b>HLA-DR</b>	ND	0	ND	0
<b>HLA-E</b>	ND	0	ND	0
<b>HLA-G</b>	ND	0	ND	0
<b>MICA</b>	ND	0	ND	0
<b>MICA/B</b>	ND	0	ND	0
<b>MICB</b>	ND	0	ND	0
<b>B2m</b>	ND	0	ND	0

**Tumour Associated Antigens**

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

<b>MTA-1</b>	ND	<b>TRP 1</b>	ND
Chromium Release Assay		(Help on Chromium Release Assay)	
Marker	Specificity	Ratio	Lysis (%)
<b>gp100 (154-162)</b>	ND	ND	ND
<b>gp100 (209-217)</b>	ND	ND	ND
<b>Mart1 (27-25)</b>	ND	ND	ND
Immunohistochemistry		(Help on Immunohistochemistry)	
Marker	Score		
<b>gp100</b>	ND		

 Cytokine Secretions

Cytokine Secretion Data		(Help on Cytokine Secretions)	
Marker	Substrate - Plastic	Marker	Substrate - Matrigel
<b>Interferon Gamma</b>		<b>Interferon Gamma</b>	
<b>Interleukin 10</b>		<b>Interleukin 10</b>	
<b>Interleukin 6</b>		<b>Interleukin 6</b>	
<b>Interleukin 8</b>		<b>Interleukin 8</b>	
<b>TGF Beta</b>		<b>TGF Beta</b>	
<b>TNF Alpha</b>		<b>TNF Alpha</b>	

### 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>	ND	0	ND	0
<b>CD95</b>	ND	0	ND	0
<b>CD95L</b>	ND	0	ND	0
<b>PD-1</b>	ND	0	ND	0
<b>TRAIL-R1</b>	ND	0	ND	0
<b>TRAIL-R2</b>	ND	0	ND	0
<b>TRAIL-R3</b>	ND	0	ND	0
<b>TRAIL-R4</b>	ND	0	ND	0
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

 **Cytokine Polymorphisms**

Cytokine Polymorphism Data		(Help on Cytokine Polymorphisms)	
Marker	Position	Polymorphism	Polymorphism
<b>Interferon Gamma</b>	-333		
<b>Interferon Gamma</b>	874		
<b>Interleukin 10</b>	-1082		
<b>Interleukin 10</b>	-819		
<b>Interleukin 10</b>	-592		
<b>Interleukin 10</b>	571		
<b>Interleukin 6</b>	-174		
<b>TGF Beta</b>	-988		
<b>TGF Beta</b>	-800		
<b>TGF Beta</b>	-509		
<b>TGF Beta</b>	codon 10		
<b>TGF Beta</b>	codon 25		
<b>TGF Beta</b>	652		
<b>TGF Beta</b>	653		
<b>TGF Beta</b>	713		
<b>TGF Beta</b>	788		
<b>TGF Beta</b>	869		
<b>TGF Beta</b>	915		
<b>TNF Alpha</b>	-1031		
<b>TNF Alpha</b>	-863		
<b>TNF Alpha</b>	-857		
<b>TNF Alpha</b>	-851		

<b>TNF Alpha</b>	-574		
<b>TNF Alpha</b>	-376		
<b>TNF Alpha</b>	-308		
<b>TNF Alpha</b>	-238		
<b>TNF Alpha</b>	488		

 **DNA Profile**

DNA Profile		(Help on DNA Profiles)	
Marker	Score	Marker	Score
<b>Amelogenin</b>	Y	<b>D7S820</b>	8, 10
<b>CSF1PO</b>	12	<b>FGA</b>	20, 24
<b>D13S317</b>	8, 11	<b>THO1</b>	6, 7
<b>D3S1358</b>	17	<b>TPOX</b>	8, 11
<b>D5S818</b>	11, 13	<b>vWA</b>	16, 17

 **Extra Cellular Matrix**

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

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

 **Surface Markers**

FACS Data		(Help on FACS Data)			
Marker	Initial		After 48hrs IFN-Gamma Induced		
	Normalised Score	Intensity	Normalised Score	Intensity	
<b>CD112</b>	ND	0	ND	0	
<b>CD11a</b>	ND	0	ND	0	
<b>CD11b</b>	ND	0	ND	0	
<b>CD155</b>	ND	0	ND	0	
<b>CD40</b>	ND	0	ND	0	



<b>CD44</b>	ND	0	ND	0
<b>CD48</b>	ND	0	ND	0
<b>CD49d</b>	ND	0	ND	0
<b>CD54</b>	ND	0	ND	0
<b>CD56</b>	ND	0	ND	0
<b>CD57</b>	ND	0	ND	0
<b>CD58</b>	ND	0	ND	0
<b>CD80</b>	ND	0	ND	0
<b>CD86</b>	ND	0	ND	0
<b>CD95</b>	ND	0	ND	0
<b>CD95L</b>	ND	0	ND	0
<b>ULBP1</b>	ND	0	ND	0
<b>ULBP2</b>	ND	0	ND	0
<b>ULBP3</b>	ND	0	ND	0
<b>gp100</b>	ND	0	ND	0
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**Further Information**

For more information about the database, queries (including website) or to subscribe to the IPD mailing lists please contact IPD Support.

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