

**Cookies on EMBL-EBI website**

This website uses cookies to store a small amount of information on your computer, as part of the functioning of the site. Cookies used for the operation of the site have already been set.

To find out more about the cookies we use and how to delete them, see our Cookie and Privacy statements.

[Dismiss this notice](#)

- [IPD Home](#)
- [IMGT/HLA](#)
- [IPD-KIR](#)
- [IPD-MHC](#)
- [IPD-HPA](#)
- [IPD-ESTDAB](#)
- [Search](#)
- [Directory](#)
- [Dictionary](#)
- [Contributing Cells](#)
- [Ordering Cells](#)
- [Collaborators](#)

[EBI](#) [Databases](#) [Nucleotide Databases](#) [IPD > ESTDAB](#)

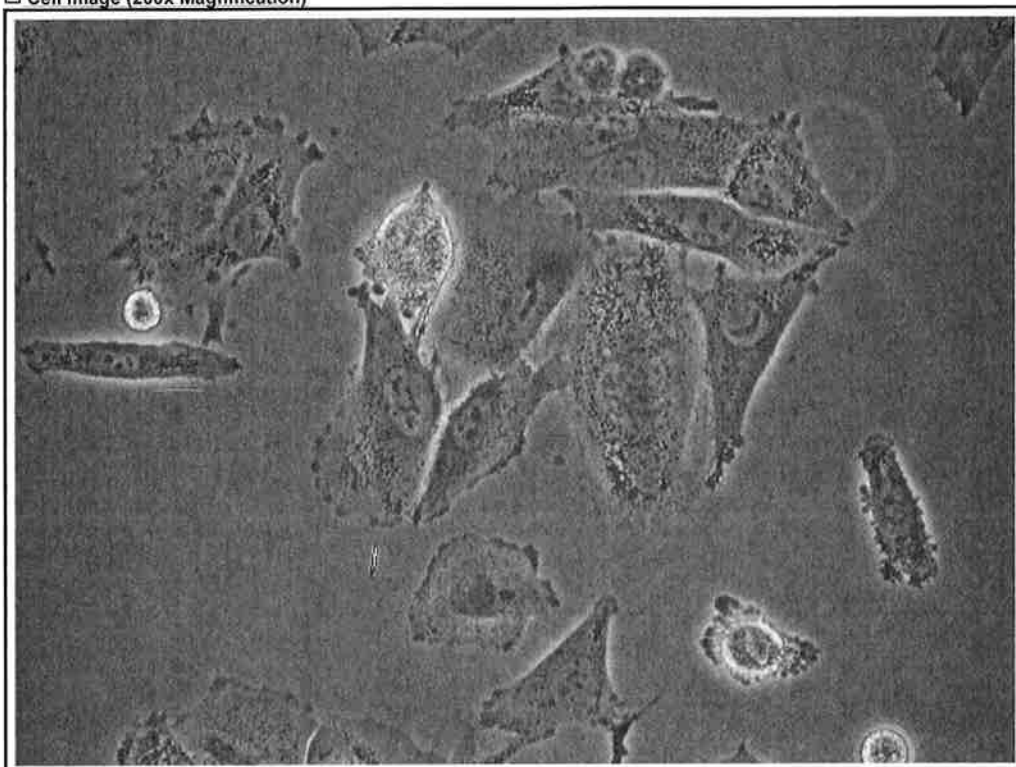
**ESTDAB Cell Profile for ESTDAB-018 (FM-58)**

**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 \(200x Magnification\)](#)



**Related Links**

[IMGT/HLA Database - Provides specialist databases for sequences of the human major histocompatibility complex \(HLA\). more](#)

**Primary Search Determinants**

[High Resolution HLA Typing](#)

High Resolution Typing of HLA and Related Genes	<a href="#">(Help on HLA High Resolution Typing)</a>
<b>HLA-A</b>	0201/09/43N
<b>HLA-B</b>	0702, 15010101/15010102N
<b>HLA-C</b>	0304, 0702
<b>HLA-DRB1</b>	1001, 040101
<b>HLA-DRB3</b>	ND



HLA-DRB4	ND
HLA-DRB5	ND
HLA-DQA1	ND
HLA-DQB1	0302, 0501
HLA-DPA1	ND
HLA-DPB1	020102, 0401

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	+	90	ND	0
HLA-A,B,C	ND	0	ND	0
HLA-B	+	85	ND	0
HLA-Bw4	+	7	ND	0
HLA-Bw6	++	120	ND	0
HLA-C	ND	0	ND	0
HLA-DP	+	11	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	+/-	1.90	ND	0
MICA/B	+/-	1.92	ND	0
MICB	-	1.11	ND	0
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)			
gp100 (209-217)			
Mart1 (27-25)	HLA-02.01	5:1	3
Immunohistochemistry		(Help on Immunohistochemistry)	
Marker	Score		
gp100	-		

**Cytokine Secretions**

Cytokine Secretion Data		(Help on Cytokine Secretions)	
Marker	Substrate - Plastic	Marker	Substrate - Matrigel
Interferon Gamma	0	Interferon Gamma	0
Interleukin 10	0	Interleukin 10	0
Interleukin 6		Interleukin 6	
Interleukin 8		Interleukin 8	
TGF Beta	413.4	TGF Beta	228.5
TNF Alpha	0	TNF Alpha	0

**Secondary Search Determinants**

**Antigen Processing**

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

**Apoptosis**

FACS Data			(Help on FACS Data)	
Marker	Initial		After 48hrs IFN-Gamma Induced	
	Normalised Score	Intensity	Normalised Score	Intensity
B7H1	-	1.13	ND	0
CD95	+	5.36	ND	0
CD95L	-	1.02	ND	0
PD-1	-	1.03	ND	0
TRAIL-R1	+/-	1.79	ND	0
TRAIL-R2	+	5.33	ND	0
TRAIL-R3	-	1.11	ND	0
TRAIL-R4	-	1.14	ND	0

**RNA Protection Assay Data**

RNA Protection Assay Data		(Help on RNA Protection Assay)	
Marker	Score	Marker	Score
caspase-8	ND	RIP	ND
clAP1	ND	TNFRp55	ND
clAP2	ND	TRADD	ND
DR3 TRAMP APO3	ND	TRAF1	ND



FADD	ND	TRAF2	ND
FAF	ND	TRAF3	ND
FAP	ND	TRAF4	ND
Fas	ND	TRAIL	ND
FasL	ND	TRPM2	ND
NAIP	ND	XIAP	ND
Western Blot Data		(Help on Western Blot Data)	
Marker	Score	Marker	Score
APAF1	ND	Bcl xL	ND
BAX	ND	Bcl xS	ND
Bcl 2	ND	Bid	ND
Bcl w	ND	FLIP	ND

Cytokine Polymorphisms

Cytokine Polymorphism Data		(Help on Cytokine Polymorphisms)	
Marker	Position	Polymorphism	Polymorphism
Interferon Gamma	-333		
Interferon Gamma	874	T	A
Interleukin 10	-1082	G	G
Interleukin 10	-819	C	C
Interleukin 10	-592	C	C
Interleukin 10	571	G	G
Interleukin 6	-174	C	C
TGF Beta	-988		
TGF Beta	-800	G	G
TGF Beta	-509		
TGF Beta	codon 10	T	T
TGF Beta	codon 25	G	G
TGF Beta	652		
TGF Beta	653		
TGF Beta	713		
TGF Beta	788		
TGF Beta	869	T	T
TGF Beta	915	G	G
TNF Alpha	-1031	T	C
TNF Alpha	-863	C	A
TNF Alpha	-857	C	C
TNF Alpha	-851	C	C
TNF Alpha	-574	C	C
TNF Alpha	-376	G	G
TNF Alpha	-308	G	G
TNF Alpha	-238	G	G
TNF Alpha	488	G	G

DNA Profile

--





DNA Profile		(Help on DNA Profiles)	
Marker	Score	Marker	Score
Amelogenin	Y	D7S820	10, 11
CSF1PO	11	FGA	22
D13S317	12	THO1	6
D3S1358	16, 17	TPOX	8, 10
D5S818	11, 12	vWA	16

Extra Cellular Matrix

Cell Adhesion		(Help on Cell Adhesion)	
Marker	Score	Marker	Score
Collagen	ND	Laminin	ND
Fibronectin	ND		

Glycosyltransferases		(Help on Glycosyltransferases)	
Marker	Score	Marker	Score
FUT1	ND	SIAT3	ND
FUT4	ND	SIAT4C	ND
MGAT5	ND		

Lectins		(Help on Lectins)					
Mol. Weight (KDa)	DSA	GNA	LTA	NAA	PHA-L	SBA	SNA
<30	ND	ND	ND	ND	ND		ND
31-40	ND	ND	ND	ND	ND		ND
41-50	ND	ND	ND	ND	ND		ND
51-60	ND	ND	ND	ND	ND		ND
61-70	ND	ND	ND	ND	ND		ND
71-80	ND	ND	ND	ND	ND		ND
81-90	ND	ND	ND	ND	ND		ND
91-100	ND	ND	ND	ND	ND		ND
101-110	ND	ND	ND	ND	ND		ND
111-120	ND	ND	ND	ND	ND		ND
121-130	ND	ND	ND	ND	ND		ND
131-140	ND	ND	ND	ND	ND		ND
141-150	ND	ND	ND	ND	ND		ND
151-160	ND	ND	ND	ND	ND		ND
161-170	ND	ND	ND	ND	ND		ND
171-180	ND	ND	ND	ND	ND		ND
181-190	ND	ND	ND	ND	ND		ND
191-200	ND	ND	ND	ND	ND		ND
>200	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	
CD112	ND	0	ND	0	
CD11a	-	1,1	ND	0	



CD11b	+	2,1	ND	0
CD155	ND	0	ND	0
CD40	+	6,76	ND	0
CD44	++	37,59	ND	0
CD48	-	1	ND	0
CD49d	+	6,14	ND	0
CD54	+	6,73	ND	0
CD56	+	2,92	ND	0
CD57	-	1	ND	0
CD58	+	9,50	ND	0
CD80	-	1,16	ND	0
CD86	-	1,04	ND	0
CD95	+	5,36	ND	0
CD95L	-	1,02	ND	0
ULBP1	-	1,06	ND	0
ULBP2	-	1,05	ND	0
ULBP3	-	1,41	ND	0
gp100	ND	0	ND	0

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

(Epi)Genetic Analysis

<b>(Epi)Genetic Analysis</b>		(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

**Further Information**

For more information regarding IPD please contact [IPD Support](#).

