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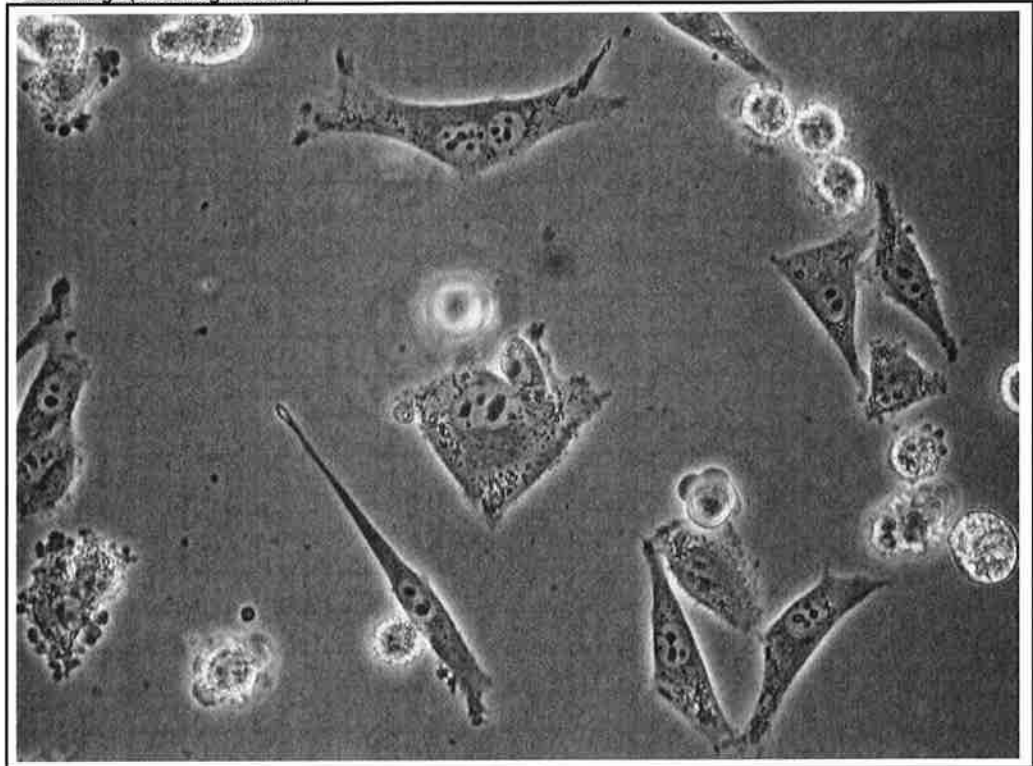
**ESTDAB Cell Profile for ESTDAB-009 (FM-3.26)**

**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>	Subclone of FM 3 (ESTDAB-007)		

**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	(Help on HLA High Resolution Typing)
HLA-A	0301, 0201/09/43N
HLA-B	0702, 4402/19N/22
HLA-C	0702, 0501
HLA-DRB1	0401, 1501
HLA-DRB3	ND
HLA-DRB4	ND
HLA-DRB5	ND
HLA-DQA1	ND
HLA-DQB1	0602, 030101
HLA-DPA1	ND
HLA-DPB1	0401, 1301

FACS Data <span style="float: right;">(Help on FACS Data)</span>				
Marker	Initial		After 48hrs IFN-Gamma Induced	
	Normalised Score	Intensity	Normalised Score	Intensity
HLA-A	++	131	ND	0
HLA-A,B,C	++	10.42	ND	0
HLA-B	+	9	++	158
HLA-Bw4	-	1	+	7
HLA-Bw6	+	7	++	149
HLA-C	ND	0	ND	0
HLA-DP	++	136	++	226
HLA-DQ	ND	0	ND	0
HLA-DR	++	19.93	ND	0
HLA-E	ND	0	ND	0
HLA-G	ND	0	ND	0
MICA	+	5.86	+	3.66
MICA/B	+	7.47	+	4.45
MICB	+	4.47	+	2.87
B2m	ND	117	ND	0

Tumour Associated Antigens <span style="float: right;">(Help on Tumour Associated Antigens)</span>			
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 <span style="float: right;">(Help on Chromium Release Assay)</span>			
Marker	Specificity	Ratio	Lysis (%)
gp100 (154-162)			
gp100 (209-217)			
Mart1 (27-25)			

Immunohistochemistry <span style="float: right;">(Help on Immunohistochemistry)</span>	
Marker	Score
gp100	++

Cytokine Secretions <span style="float: right;">(Help on Cytokine Secretions)</span>			
Marker	Substrate - Plastic	Marker	Substrate - Matrigel
Interferon Gamma	0	Interferon Gamma	0
Interleukin 10	94.5	Interleukin 10	251.7
Interleukin 6		Interleukin 6	

Interleukin 8	1013.0	Interleukin 8	1310.8
TGF Beta	172.9	TGF Beta	176.6
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	-	1.04	-	1.17	
CD95	+	2.26	+	2.04	
CD95L	-	1.17	ND	0	
PD-1	ND	0	ND	0	
TRAIL-R1	-	1.33	-	1.2	
TRAIL-R2	+	2.26	+	2.23	
TRAIL-R3	-	1.01	-	1.00	
TRAIL-R4	+/-	1.77	-	1.36	

RNA Protection Assay Data		(Help on RNA Protection Assay)	
Marker	Score	Marker	Score
caspase-8	ND	RIP	ND
clAP1	-	TNFRp55	ND
clAP2	-	TRADD	ND
DR3 TRAMP APO3	ND	TRAF1	+
FADD	ND	TRAF2	+
FAF	ND	TRAF3	-
FAP	ND	TRAF4	+
Fas	ND	TRAIL	ND
FasL	ND	TRPM2	-
NAIP	-	XIAP	-

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	C	C
Interferon Gamma	874	A	A
Interleukin 10	-1082	G	G

Interleukin 10	-819	C	C
Interleukin 10	-592	C	C
Interleukin 10	571	G	G
Interleukin 6	-174	G	C
TGF Beta	-988		
TGF Beta	-800	G	G
TGF Beta	-509		
TGF Beta	codon 10	T	C
TGF Beta	codon 25	G	G
TGF Beta	652		
TGF Beta	653		
TGF Beta	713		
TGF Beta	788		
TGF Beta	869	T	C
TGF Beta	915	G	G
TNF Alpha	-1031		
TNF Alpha	-863		
TNF Alpha	-857		
TNF Alpha	-851		
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	X	D7S820	10
CSF1PO	11, 13	FGA	23
D13S317	12	THO1	6, 9, 3
D3S1358	15, 17	TPOX	8, 11
D5S818	12	vWA	15, 16

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	-	-	-	-	-	ND	-	
31-40	-	-	1	-	-	ND	1	
41-50	3	4	2	-	-	ND	1	
51-60	1	-	-	-	-	ND	2	
61-70	-	-	-	-	1	ND	-	

71-80	-	1	1	1	-	ND	1
81-90	1	-	1	1	-	ND	1
91-100	1	1	-	1	1	ND	1
101-110	1	1	1	1	-	ND	1
111-120	-	-	-	-	1	ND	-
121-130	-	1	-	1	-	ND	-
131-140	1	-	-	-	1	ND	1
141-150	-	1	-	-	-	ND	-
151-160	1	-	1	1	-	ND	-
161-170	-	-	-	-	-	ND	-
171-180	-	1	-	-	-	ND	-
181-190	1	1	1	1	1	ND	-
191-200	-	-	-	-	-	ND	-
>200	1	1	1	1	1	ND	3

**Surface Markers**

FACS Data (Help on FACS Data)

Marker	Initial		After 48hrs IFN-Gamma Induced	
	Normalised Score	Intensity	Normalised Score	Intensity
CD112	-	1.01	-	1.02
CD11a	ND	0	ND	0
CD11b	+	2.04	ND	0
CD155	+	13.82	+	4.92
CD40	-	1.01	-	1.02
CD44	++	34.76	++	30.8
CD48	-	1.16	ND	0
CD49d	+	7.3	ND	0
CD54	++	19.03	++	20.73
CD56	++	11.96	ND	0
CD57	+	2.37	ND	0
CD58	+	6.82	+	5.43
CD80	-	1.27	ND	0
CD86	-	1.08	ND	0
CD95	+	2.26	+	2.04
CD95L	-	1.17	ND	0
ULBP1	-	1.01	-	1.02
ULBP2	-	1.16	-	1.03
ULBP3	-	0.97	-	0.99
gp100	+	6.62	+	5.88

Immunohistochemistry (Help on Immunohistochemistry)

Marker	Score	Marker	Score
		P-Cadherin	-
K-Cadherin	ND	VE-Cadherin	+
N-Cadherin	+		
gp100	++	Survivin	-

**(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

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