

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](#)

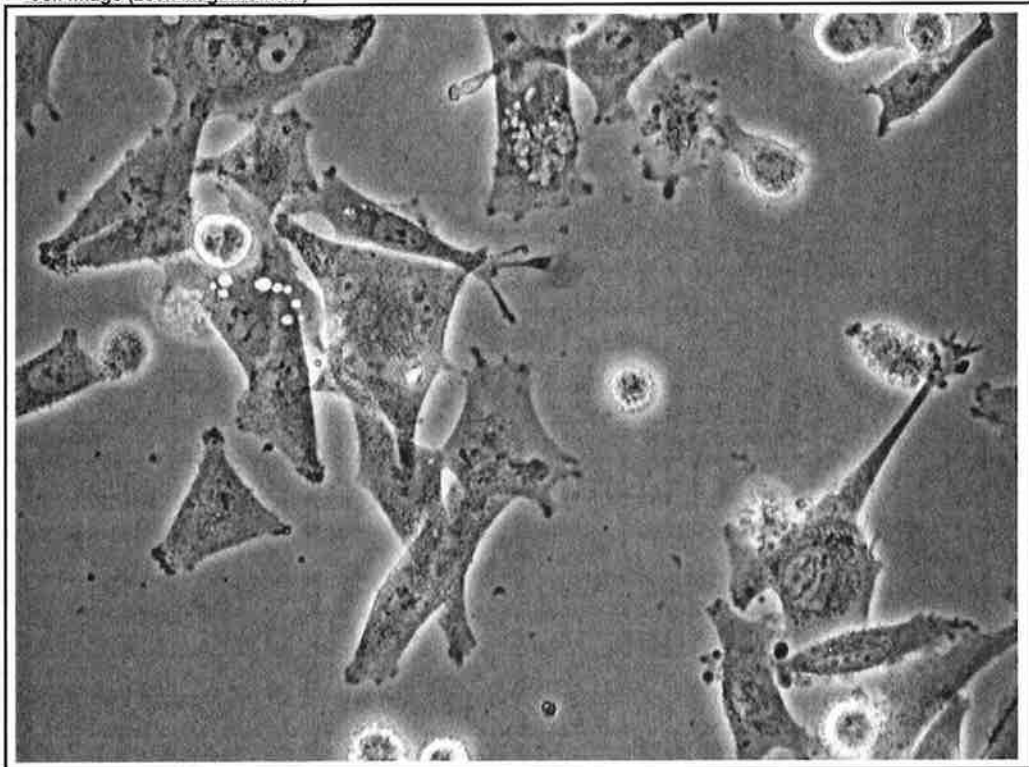
ESTDAB Cell Profile for ESTDAB-021 (FM-72)

Cell Source

Cell Type:	Melanoma	Tissue of Origin:	Unknown
Ethnic Origin:	Unknown	Gender:	Unknown
Medium Used:	RPMI 1640, 10% FBS	Morphology:	Unknown
Mycoplasma:	-		
Comments:	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	(Help on HLA High Resolution Typing)
HLA-A	0201/09/43N
HLA-B	1801, 0702
HLA-C	0702, 0501
HLA-DRB1	ND
HLA-DRB3	ND

HLA-DRB4	ND			
HLA-DRB5	ND			
HLA-DQA1	ND			
HLA-DQB1	0602, 0201/02			
HLA-DPA1	ND			
HLA-DPB1	0401, 0301/1401			
<input checked="" type="checkbox"/> 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	+	93	ND	0
HLA-A,B,C	ND	0	ND	0
HLA-B	+	25	ND	0
HLA-Bw4	-	2	ND	0
HLA-Bw6	+	42	ND	0
HLA-C	ND	0	ND	0
HLA-DP	-	3	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	+	3.53	ND	0
MICA/B	+	2.81	ND	0
MICB	-	1.17	ND	0
B2m	ND	0	ND	0
<input checked="" type="checkbox"/> 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)			
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	1040.8	TGF Beta	557.3
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	-	1.06	ND	0
CD95	+	3.56	ND	0
CD95L	-	1.04	ND	0
PD-1	-	1.13	ND	0
TRAIL-R1	-	1.25	ND	0
TRAIL-R2	+	3.59	ND	0
TRAIL-R3	+/-	1.54	ND	0
TRAIL-R4	-	1.35	ND	0

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	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	C	C
TGF Beta	-988	C	C
TGF Beta	-800	G	G
TGF Beta	-509		
TGF Beta	codon 10	T	T
TGF Beta	codon 25	G	G
TGF Beta	652	C	C
TGF Beta	653		
TGF Beta	713	C	C
TGF Beta	788	C	C
TGF Beta	869	T	T
TGF Beta	915	G	G
TNF Alpha	-1031	T	C
TNF Alpha	-863	C	C
TNF Alpha	-857	C	C
TNF Alpha	-851	C	C
TNF Alpha	-574	C	C
TNF Alpha	-376	G	A
TNF Alpha	-308	G	G
TNF Alpha	-238	A	A
TNF Alpha	488	G	G

 DNA Profile

--	--

DNA Profile		(Help on DNA Profiles)	
Marker	Score	Marker	Score
Amelogenin	X	D7S820	12
CSF1PO	10, 12	FGA	21, 25
D13S317	12	THO1	6, 7
D3S1358	15	TPOX	8, 11
D5S818	12	vWA	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	-	-	-	-	-	ND	-
31-40	-	1	1	-	-	ND	-
41-50	-	3	2	1	-	ND	-
51-60	-	1	1	-	-	ND	1
61-70	1	-	1	-	-	ND	1
71-80	-	-	-	1	-	ND	1
81-90	1	1	1	-	1	ND	-
91-100	1	-	-	1	-	ND	1
101-110	-	1	1	1	1	ND	-
111-120	-	-	-	1	1	ND	1
121-130	1	1	-	-	-	ND	1
131-140	-	-	1	-	-	ND	-
141-150	-	-	-	-	-	ND	1
151-160	1	1	-	1	-	ND	-
161-170	-	-	-	1	-	ND	-
171-180	-	1	-	-	1	ND	-
181-190	-	-	-	1	-	ND	-
191-200	1	-	-	1	-	ND	-
>200	-	-	1	-	-	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	+	3,6	ND	0	
CD155	ND	0	ND	0	
CD40	-	1.05	ND	0	
CD44	++	84.40	ND	0	
CD48	-	1	ND	0	
CD49d	++	16,29	ND	0	
CD54	++	12,77	ND	0	
CD56	++	88,23	ND	0	
CD57	-	1	ND	0	
CD58	+	6,25	ND	0	
CD80	-	1.39	ND	0	
CD86	-	1.04	ND	0	
CD95	+	3.56	ND	0	
CD95L	-	1.04	ND	0	
ULBP1	-	1.04	ND	0	
ULBP2	-	1.12	ND	0	
ULBP3	+/-	1.64	ND	0	
gp100	ND	0	ND	0	
Immunohistochemistry			(Help on Immunohistochemistry)		
Marker	Score	Marker	Score		
		P-Cadherin	-		
K-Cadherin	ND	VE-Cadherin	ND		
N-Cadherin	-				
gp100	+	Survivin	-		
<input type="checkbox"/> (Epi)Genetic Analysis			(Help on (Epi)Genetic Analysis)		
(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](#).



[News](#)
[Brochures](#)
[Contact us](#)
[Intranet](#)

Services

[By topic](#)
[By name \(A-Z\)](#)
[Help & Support](#)

Research

[Overview](#)
[Publications](#)
[Research groups](#)
[Postdocs & PhDs](#)

Training

[Overview](#)
[Train at EBI](#)
[Train outside EBI](#)
[Train online](#)
[Contact organisers](#)

Industry

[Overview](#)
[Members Area](#)
[Workshops](#)
[SME Forum](#)
[Contact Industry programme](#)

About us

[Overview](#)
[Leadership](#)
[Funding](#)
[Background](#)
[Collaboration](#)
[Jobs](#)
[People & groups](#)
[News](#)
[Events](#)
[Visit us](#)
[Contact us](#)

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

Copyright © EMBL-EBI 2013 | EBI is an outstation of the European Molecular Biology Laboratory | [Privacy](#) | [Cookies](#) | [Terms of use](#)

