

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](#)

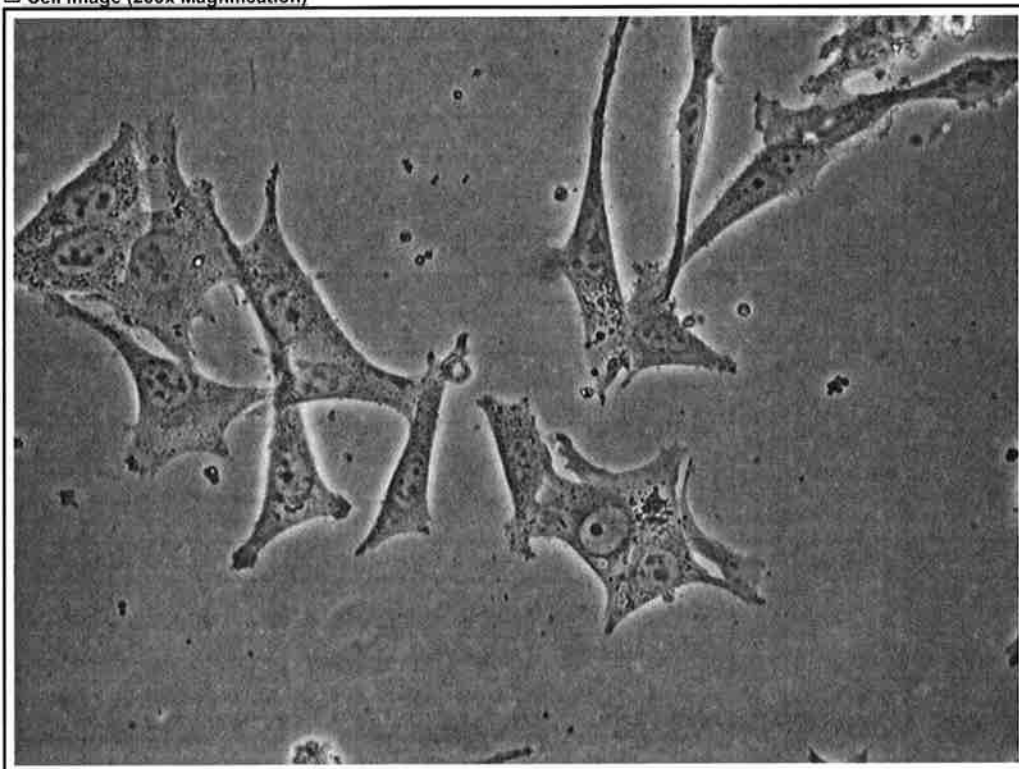
ESTDAB Cell Profile for ESTDAB-024 (FM-79)

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	3201, 2501
HLA-B	1801, 4402/19N/22
HLA-C	1203, 0501
HLA-DRB1	1501, 1201
HLA-DRB3	ND
HLA-DRB4	ND

HLA-DRB5	ND
HLA-DQA1	ND
HLA-DQB1	0602, 030101
HLA-DPA1	ND
HLA-DPB1	0402, 020102

 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	++	198	ND	0
HLA-Bw4	+	18	ND	0
HLA-Bw6	+	57	ND	0
HLA-C	ND	0	ND	0
HLA-DP	+	23	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	++	10.94	ND	0
MICA/B	++	11.11	ND	0
MICB	+	2.77	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)			
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		Interleukin 10	1124
Interleukin 6		Interleukin 6	
Interleukin 8		Interleukin 8	
TGF Beta	232.8	TGF Beta	245.2
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	-	1.21	ND	0
CD95	-	1.11	ND	0
CD95L	-	1.05	ND	0
PD-1	-	1.05	ND	0
TRAIL-R1	-	1.12	ND	0
TRAIL-R2	+/-	1.95	ND	0
TRAIL-R3	-	1.48	ND	0
TRAIL-R4	-	1.28	ND	0

RNA Protection Assay Data		(Help on RNA Protection Assay)	
Marker	Score	Marker	Score
caspase-8	ND	RIP	ND
ciAP1	ND	TNFRp55	ND
ciAP2	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				
<input checked="" type="checkbox"/> Cytokine Polymorphisms							
<input checked="" type="checkbox"/> DNA Profile							
DNA Profile		(Help on DNA Profiles)					
Marker	Score	Marker	Score				
Amelogenin	X	D7S820	10, 12				
CSF1PO	10, 12	FGA	23, 24				
D13S317	11, 12	THO1	9				
D3S1358	14, 18	TPOX	8				
D5S818	10, 12	vWA	16, 17				
<input checked="" type="checkbox"/> 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	2	-	-	ND	-
41-50	-	3	3	1	1	ND	1
51-60	-	1	1	1	-	ND	1
61-70	-	1	1	1	-	ND	1
71-80	-	-	-	1	1	ND	-
81-90	1	1	1	1	-	ND	1
91-100	1	-	-	-	1	ND	-
101-110	1	1	1	-	-	ND	1
111-120	-	1	-	1	1	ND	1
121-130	1	-	1	-	-	ND	-
131-140	-	-	-	1	-	ND	1
141-150	-	1	-	-	1	ND	-

151-160	1	-	-	1	-	ND	-
161-170	-	-	1	-	-	ND	1
171-180	-	1	-	1	-	ND	-
181-190	1	-	-	1	-	ND	-
191-200	-	-	-	-	-	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	ND	0	ND	0	
CD11b	+	2	ND	0	
CD155	ND	0	ND	0	
CD40	+	3.22	ND	0	
CD44	++	74.57	ND	0	
CD48	-	1	ND	0	
CD49d	++	23.87	ND	0	
CD54	++	50.18	ND	0	
CD56	+/-	1.77	ND	0	
CD57	-	1	ND	0	
CD58	++	10.08	ND	0	
CD80	-	1.38	ND	0	
CD86	-	1.08	ND	0	
CD95	-	1.11	ND	0	
CD95L	-	1.05	ND	0	
ULBP1	-	1.02	ND	0	
ULBP2	+/-	1.62	ND	0	
ULBP3	-	0.93	ND	0	
gp100	ND	0	ND	0	

Immunohistochemistry		(Help on Immunohistochemistry)	
Marker	Score	Marker	Score
		P-Cadherin	ND
K-Cadherin	ND	VE-Cadherin	ND
N-Cadherin	ND		
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

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](#)