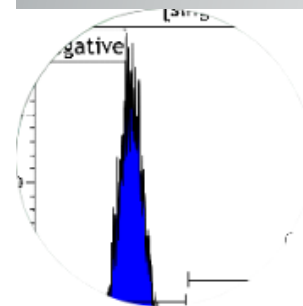




Harnessing the Power of Cells™

Potent and easy to Culture
Cancer Associated
Fibroblasts (CAFs)

Flow Cytometry and
Immunostaining Data



SUMMARY OF FLOW CYTOMETRY DATA COLLECTED 12-09-14

CELL LINES	CD105	CD90	CD44	CD326	CD133	FAP
SC00A1 (hMSCs)	+	+	+	-	-	-
SC00A5 (pancreatic fibroblasts)	+	+	+	-	-	-
CAF05 (colorectal CAFs)	+	+	+	-	-	+
CAF07-AD (adenocarcinoma lung CAFs)	+	+	+	-	-	+
CAF08 (Pancreatic Stellate CAFs)	+	+	+	-	-	+

Table: Expression of key proteins

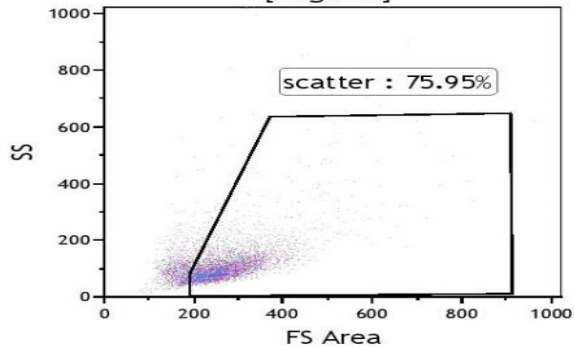


SELECT FLOW CYTOMETRY DATA-[Human Colorectal Tumor CAFs Kit](#)

Vitrobiopharma TT-A5 neg cont-2014-12-09-131600-8

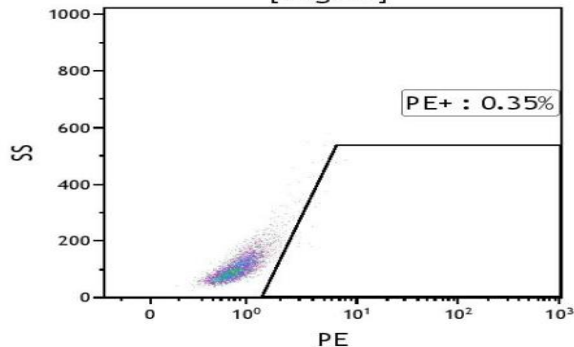
Ab Titrations - Acquisition

Vitrobiopharma TT-A5 neg
cont-2014-12-09-131600-8
[Ungated]



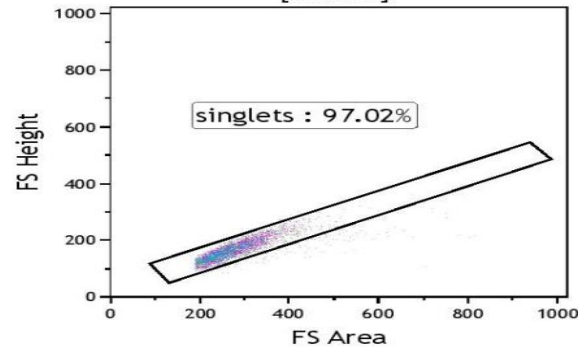
Gate	Number	%Total	%Gated
All	5,880	100.00	100.00
scatter	4,466	75.95	75.95

Vitrobiopharma TT-A5 neg
cont-2014-12-09-131600-8
[singlets]



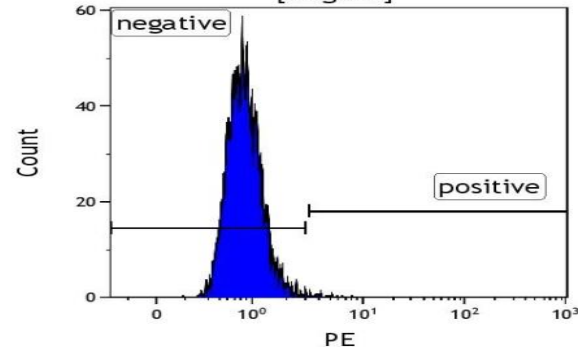
Gate	Number	%Total	%Gated
All	4,333	73.69	100.00
PE+	15	0.26	0.35

Vitrobiopharma TT-A5 neg
cont-2014-12-09-131600-8
[scatter]



Gate	Number	%Total	%Gated
All	4,466	75.95	100.00
singlets	4,333	73.69	97.02

Vitrobiopharma TT-A5 neg
cont-2014-12-09-131600-8
[singlets]

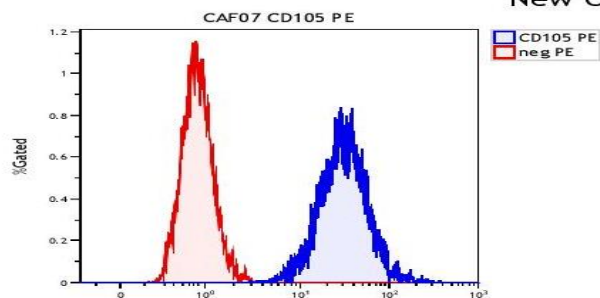


Gate	X-Med	X-CV
All	0.84	45.06
negative	0.83	35.75
positive	4.06	26.81

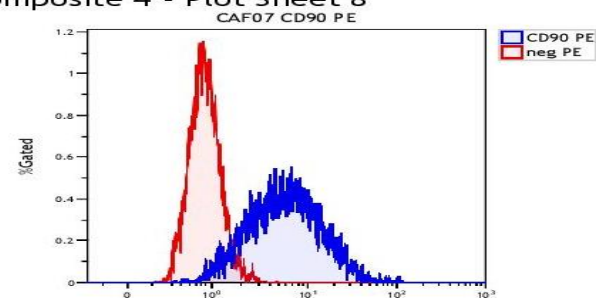


SELECT FLOW CYTOMETRY DATA-[Human Human Lung Adenocarcinoma CAFs](#)

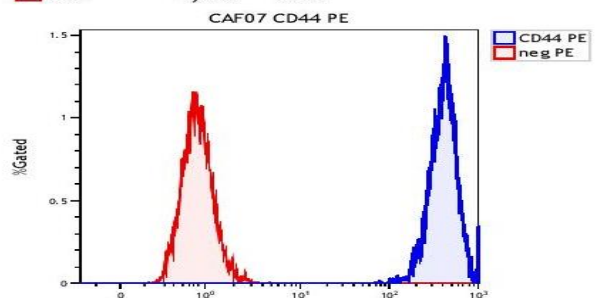
New Composite 4 - Plot Sheet 8



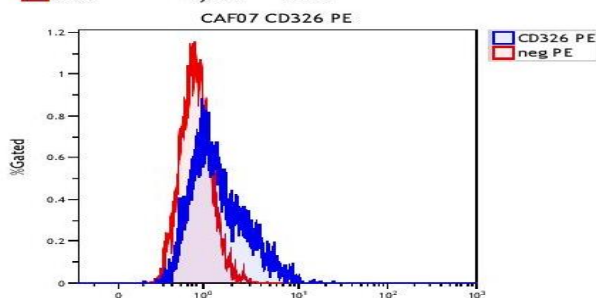
Marker Number X-Med			
All	4,652	30.88	
All	4,676	0.86	



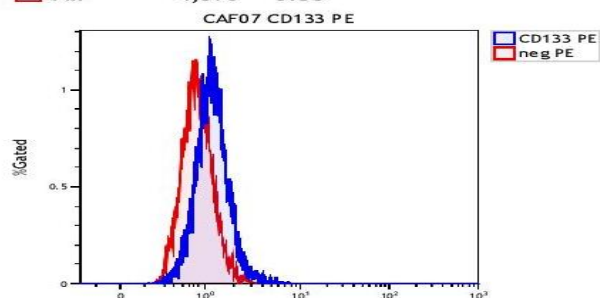
Marker Number X-Med			
All	4,656	5.80	
All	4,676	0.86	



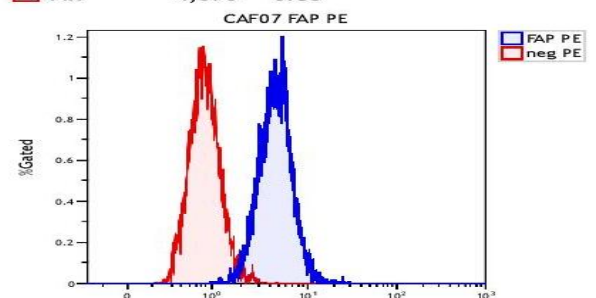
Marker Number X-Med			
All	4,636	417.29	
All	4,676	0.86	



Marker Number X-Med			
All	4,660	1.29	
All	4,676	0.86	



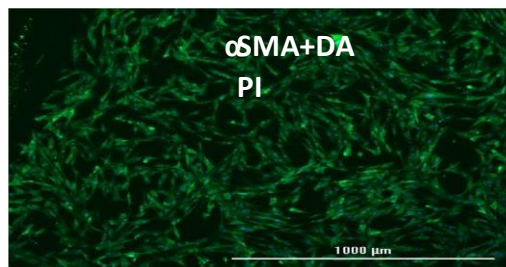
Marker Number X-Med			
All	4,663	1.20	
All	4,676	0.86	



Marker Number X-Med			
All	4,688	4.62	
All	4,676	0.86	



SELECT IMMUNOSTAINING-[Human Colorectal Tumor CAFs Kit](#)



SELECT IMMUNOSTAINING-Human Ovarian Serous Tumor CAFs

FAP+DA
PI

GFAP+DA
PI

FSP1+DA
PI

Vimentin+DA
PI

α SMA+DA
PI

1000 μ m

1000 μ m



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