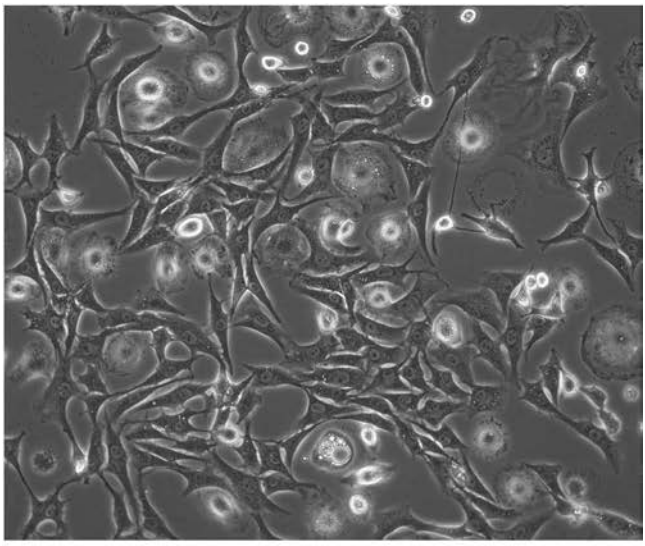
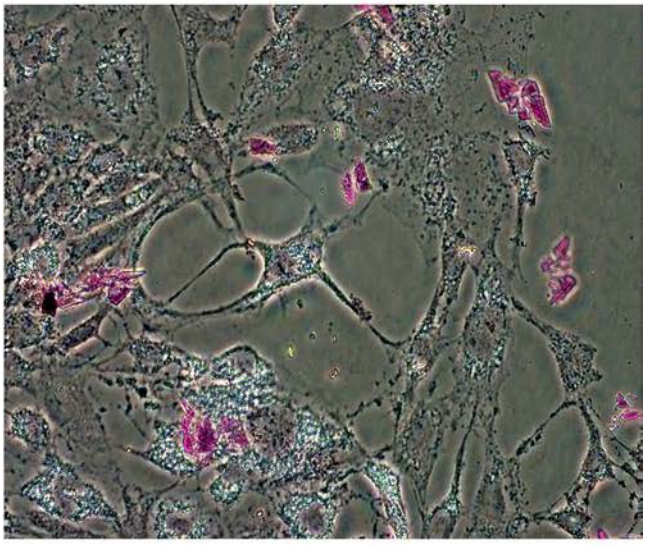
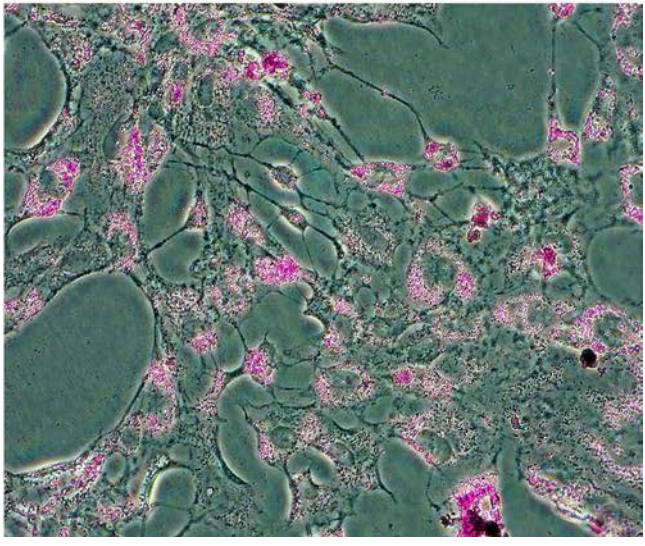
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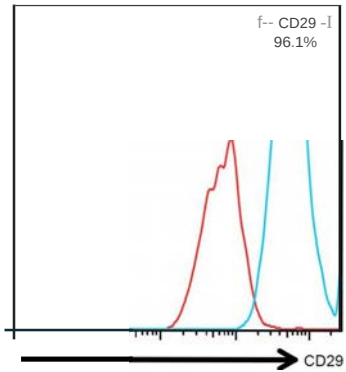


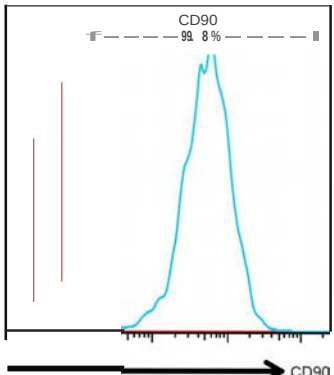
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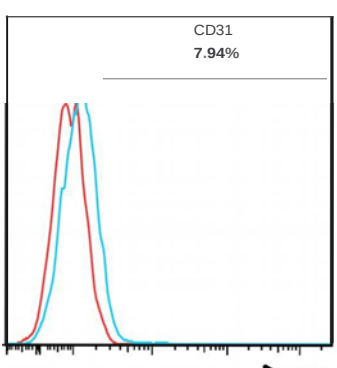


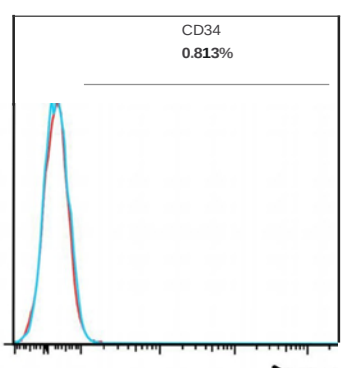
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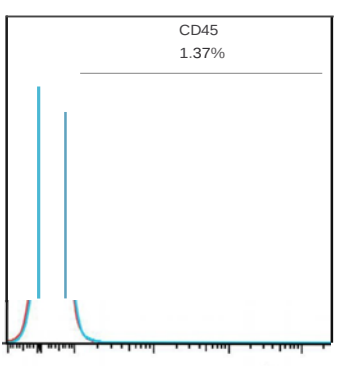



f-- CD29 -I
96.1%
CD29

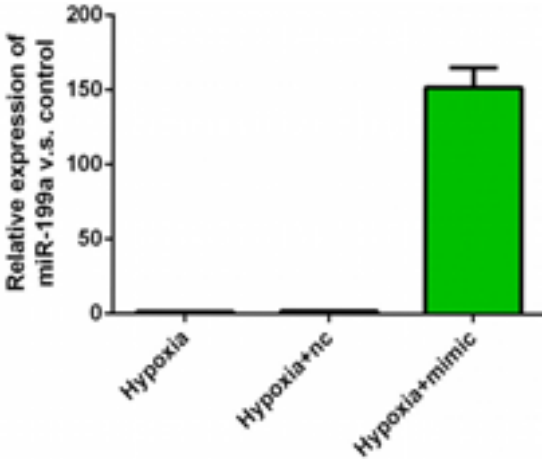

CD90
99. 8%
CD90


CD31
7.94%
CD31

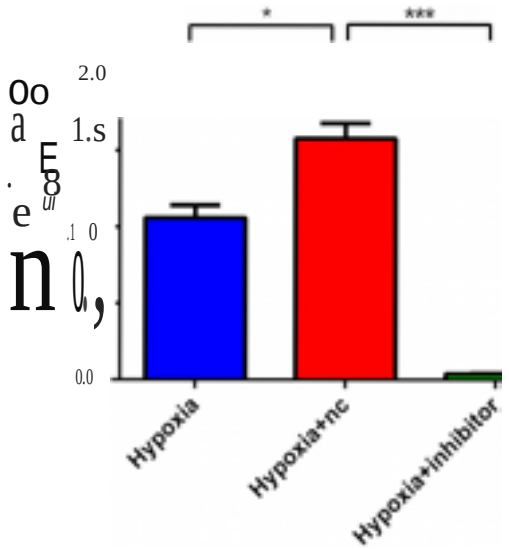

CD34
0.813%
CD34


CD45
1.37%
CD45

A


NS
Relative expression of miR-199a v.s. control
200
150
100
50
0
Hypoxia
Hypoxia+nc
Hypoxia+mimic

B


*
***
2.0
1.s
0.0
Hypoxia
Hypoxia+nc
Hypoxia+inhibitor

C

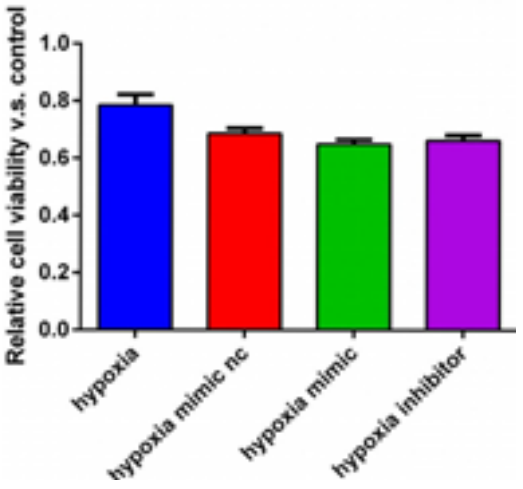

Relative cell viability v.s. control
1.0
0.8
0.6
0.4
0.2
0.0
hypoxia
hypoxia mimic nc
hypoxia mimic
hypoxia inhibitor

Table 1. Cold and warm ischemia time of each rat

	Cold ischemia time (minutes)								Warm ischemia time (minutes)							
Groupings	1	2	3	4	5	6	average	P value	1	2	3	4	5	6	average	P value
Control	26.90	31.57	25.62	22.70	30.55	28.80	27.69	0.78	10.77	9.23	10.85	12.33	9.87	11.75	10.80	0.44
H-MSC	29.88	25.90	26.60	26.05	27.95	25.32	26.95		9.53	9.82	12.42	10.92	10.30	11.32	10.72	
H-MSC+agomiR	24.98	28.57	27.20	30.52	26.25	23.95	26.91		12.27	10.70	11.55	10.15	9.38	10.90	10.83	
H-MSC+antagomiR	26.18	26.07	27.57	27.33	25.23	25.67	26.34		10.77	11.77	12.07	12.57	13.37	9.57	11.68	
	1	2	3	4	5	6	average	P value	1	2	3	4	5	6	average	P value
Control	25.10	26.72	25.80	29.35	27.73	29.73	27.41	0.66	12.08	12.18	9.85	10.50	10.72	10.90	11.04	0.14
VEGF-ab	25.08	25.02	25.00	26.38	27.23	26.82	25.92		12.20	10.78	9.77	9.40	9.10	10.58	10.31	
H-MSC+antagomiR	27.47	23.57	29.80	26.55	23.00	28.25	26.44		11.60	13.03	11.02	12.05	12.28	11.37	11.89	
VEGF-ab+H-MSC+antagomiR	27.98	25.55	23.12	29.15	28.67	25.78	26.71		9.37	11.67	12.02	11.07	12.13	11.72	11.33	