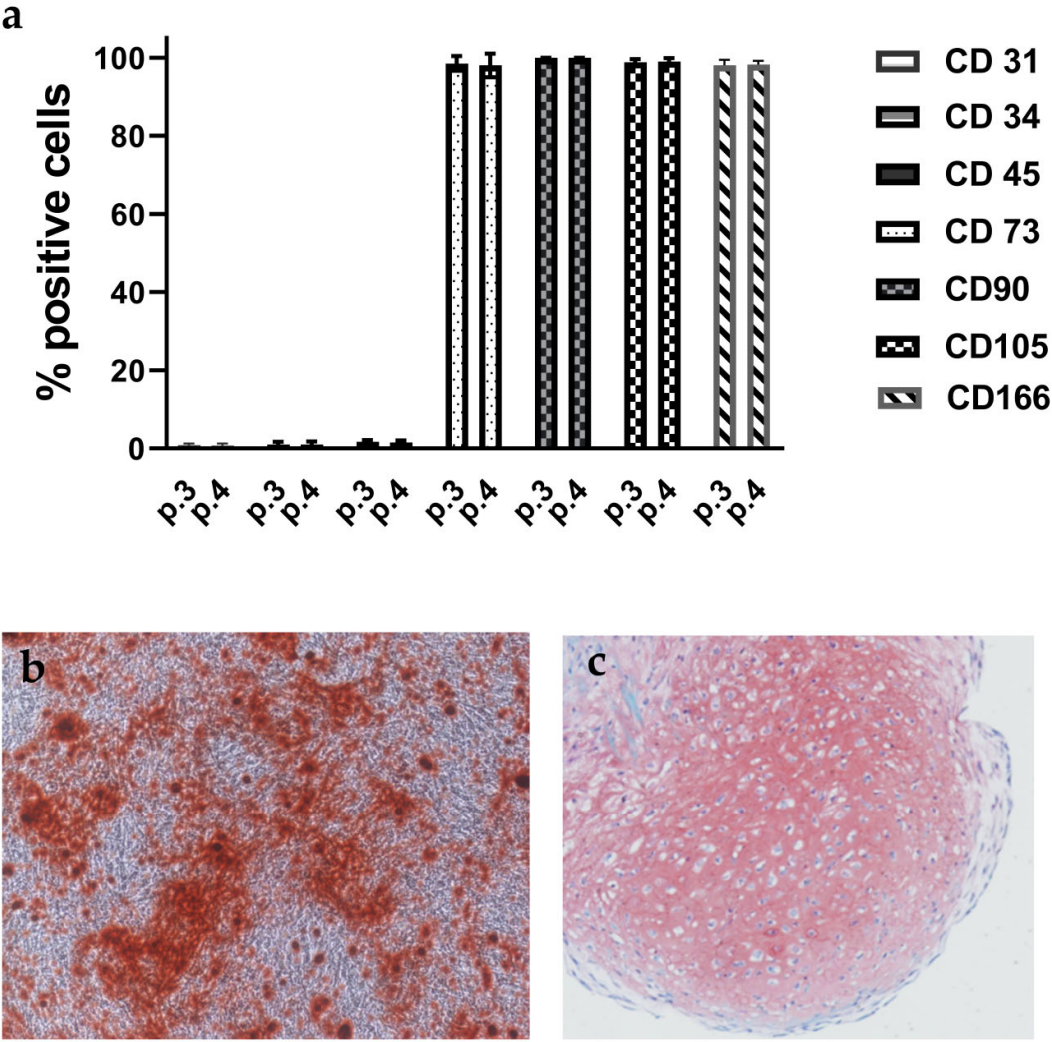


Figure S1: hASCs characterization



a) Antigenic Characterization of hASCs at both passage 3 (p.3) and passage 4 (p.4), data are expressed as % of positive cells (mean \pm SD). b) Alizarin Red staining on hASC osteogenic differentiated at day 21. c) Safranin O staining on hASC chondrogenic differentiated at day 28.

Table S1: Oligonucleotide primers used for real-time PCR.

Target Gene	Primers (forward and reverse)	Product size (bp)	GenBank Accession No.	Primer Efficiency (%)
<i>ACAN</i>	TCGAGGACAGCGAGGCC TCGAGGGTGTAGCGTGTAGAGA	85	NM_001135	96,5
<i>COL1A1</i>	CCTGGATGCCATCAAAGTCT CGCCATACTCGAACTGGAAT	170	NM_000088	95,4
<i>COL2A1</i>	GACAATCTGGCTCCCAAC ACAGTCTTGCCCCACTTAC	228	NM_001844	98,1
<i>COMP</i>	Biorad unique assay ID: qHsaCID0021064	148	NC_000019.9 NG_007070.1 NT_011295.11	95
<i>GAG</i>	Biorad unique assay ID: qHsaCID0005989CSPG4	148	NC_000015.9 NT_010194.17	101
<i>GAPDH</i>	CGGAGTCAACGGATTTGG CCTGGAAGATGGTGATGG	218	NM_002046	101,9
<i>MKI67</i>	TCTGGTAATGCACACTCCACC GCTTTGTGCCTTCACTTCCAC	112	NM_002417	98,1
<i>SOX9</i>	GAGCAGACGCACATCTC CCTGGGATTGCCCCGA	281	NM_000346	97,2