

Groups	Surface Markers		Fluorochrome Conjugate	Source
Group I: Positive MSC markers	CD105	Endoglin glycoprotein	FITC	BD Bioscience
	CD73	Ecto-5'- nucleotidase	PE	BD Bioscience
	CD90	Thymus cell antigen-1	PE	BD Bioscience
Group II: Negative MSC markers	CD34	Hematopoietic stem cell markers	PE	BD Bioscience
	CD45		FITC	BD Bioscience
	HLA-DR	MHC Class II	V-500	BD Bioscience
Group III: Markers of enhanced chondrogenesis and integrin receptors	CD146	Melanoma cell adhesion molecule	PE	Miltenyi Biotec
	CD166	Activated leucocyte adhesion molecule	VioBright FITC	Miltenyi Biotec
	CD49e	Integrin alpha-5;(I α 5) Fibronectin receptor	PE	BD Bioscience
	CD49b	Integrin alpha-2;(I α 2) Laminin receptor	FITC	Miltenyi Biotec
	CD29	Integrin beta-1(I β 1)	APC	Miltenyi Biotec

Table S1: List of antibodies used for characterization of chondroprogenitors by flow cytometric analysis. MSC: mesenchymal stem cell, CD: cluster of differentiation, FITC: fluorescein isothiocyanate, PE: phycoerythrin.