

# Comparative proteomic analysis identifies EphA2 as a specific cell surface marker for Wharton's Jelly-derived mesenchymal stem cells

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Supplementary Table 1: Antibodies used in the study.

Antibody	Catalogue number	Manufacturer
EPHA2	AF3035	R&D
SLC25A4	ab102032	Abcam
TALIN2	NBP2-50322	NOVUSBIO
CLE7	ab188326	abcam
LMF2	NBP-159374	NOVUSBIO
CD49b	1233	R&D
VDAC3	AB130561	ABCAM
SOD2	AB16956	ABCAM
PLEC	SAB1404217	Sigma-Aldrich
NEXILIN	AB213628	ABCAM
<i>CDH5</i>	ab33168	ABCAM
CD49e	<b>MAB1864</b>	NOVUSBIO
CDH2	14215S	CELL SIGNALLING
MLCK1	NBP1-87744	NOVUSBIO
Actin Ab-5	612657	BD Pharmingen

Supplementary Table 2: Primers used in the study.

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
CLE7	CCTGCTTCAGATTCAGCGTC	AAGCAACAGGTAAGCCCTCT
PLEC3	ACGAGATCAGCTCCCTCAAAG	CCATCGCGGAGGTCTTCATAC
IGF2BP3	CTGCACGGGAAACCCATAGA	CCAGCACCTCCCCTGTAAAT
Talin	ACGATGCGTGTGCGAGTCATT	AGCCAAATCCCTTTCCTCGG
LMF2-F1	TCATCTACTTGCTGCTTTGGG	AAGCCAGTCTCTAGCAGCAG
Ncadherin	GAAATGTCTCCTGTGGGTGC	GGTTGTCCCTGAAGAATGCTG
EphA2-F	GTGCAGTGGATGGCGAGT	GGCTCTCAGATGCCTCAAAC
CD49e	CCTTCTTCGGATTCTCAGTGG	CCAAGGACAGAGGTAGACA
Nexilin	AGAGGAAGAAAAGAAGGCGTT	CCAGTTTTCCCGGTGTAAGAAAT
SOD2	GTCACCGAGGAGAAGTACCA	TTGATATGACCACCACCATTGA
CD49b	CCCAATATGGTGGGGACCTC	CCCACCAGAAGCTGCTGAATA
VDAC3	GGAAAGGCTGCTAAGGATGTC	AAATTCCACTCCACTACAAGACT
SLC25A4	ATCGAGAGGGTCAAACCTGCT	CTTAGGGATTCTCACCACACA
<i>CDH5</i>	ATGAGATCGTGGTGGAAAGCG	TGTGTACTTGGTCTGGGTGA
CD73	GCCTGGGAGCTTACGATTTTG	TAGTGCCCTGGTACTGGTCG