

## SIMPLE WESTERN CERTIFIED ANTIBODY DATASHEET

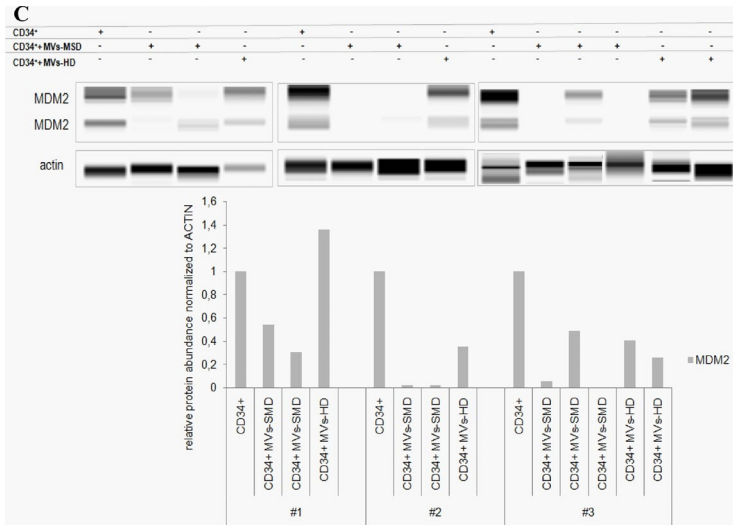


Figure 4C: Modification of HPC properties.(A) Variations in microRNAs expression when CD34+ cells were co-cultured with MDS-MVs or HD-MVs. Ratio was calculated dividing the expression of each microRNA from CD34+ + HD-MVs or CD34+ + MDS-MVs by that of CD34+ cells without MVs. Results were summarized as the median. (B) Expression by RT-PCR of TP53 and MDM2 in CD34+ cells cultured with MDS-MVs from patients (grey) and expression of CD34+ cells without MVs (black). Results were summarized as the mean and standard deviation. (C) Capillary Electrophoresis Immunoassay of MDM2 vs Actin as control. CD34+ cells (without MVs), CD34+ cells with MDS-MVs and with HD-MVs. Each bar of the lower graph represents the value of quantified MDM2 protein expression normalized to actin protein abundance. Each bar represents the quantification of both bands of MDM2 from the pseudo-blots, control CD34+ cells vs CD34+ cells + MDS-MVs or HD-MVs.

See reference below for more information.

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### Target/Antibody

|                        |   |
|------------------------|---|
| Antibody Target/Name   | Actin, cytoplasmic 1  |
| Isoform                |   |
| Reactant               | Homo sapiens (Human),Mus musculus (House mouse),Rattus norvegicus (Rat) |
| Antibody Type          | Primary   |
| Host Species/Clonality | Mouse Monoclonal  |

### Assay

|                                 |  |
|---------------------------------|--|
| Sample Type                     | Brain  |
| Antibody Dilution/Concentration | 1:100  |
| Detection Mode                  | Chemiluminescence  |
| Separation Type                 | SW - Size  |
| Matrix                          | 12-230 kDa   |
| Observed kDa or pl              | Not stated   |
| Publications [4 total]          | [1] Pharmaceutics. 2023 May 22;15(5):1563. [2] Fluids Barriers CNS. 2023 May 26;20(1):36. [3] PLoS One. 2016 Feb 2;11(2):e0146722. [4] PLoS One. 2017 Mar 16;12(3):e0173771. |

For additional information on this antibody: [View Antibody Link](#)

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