

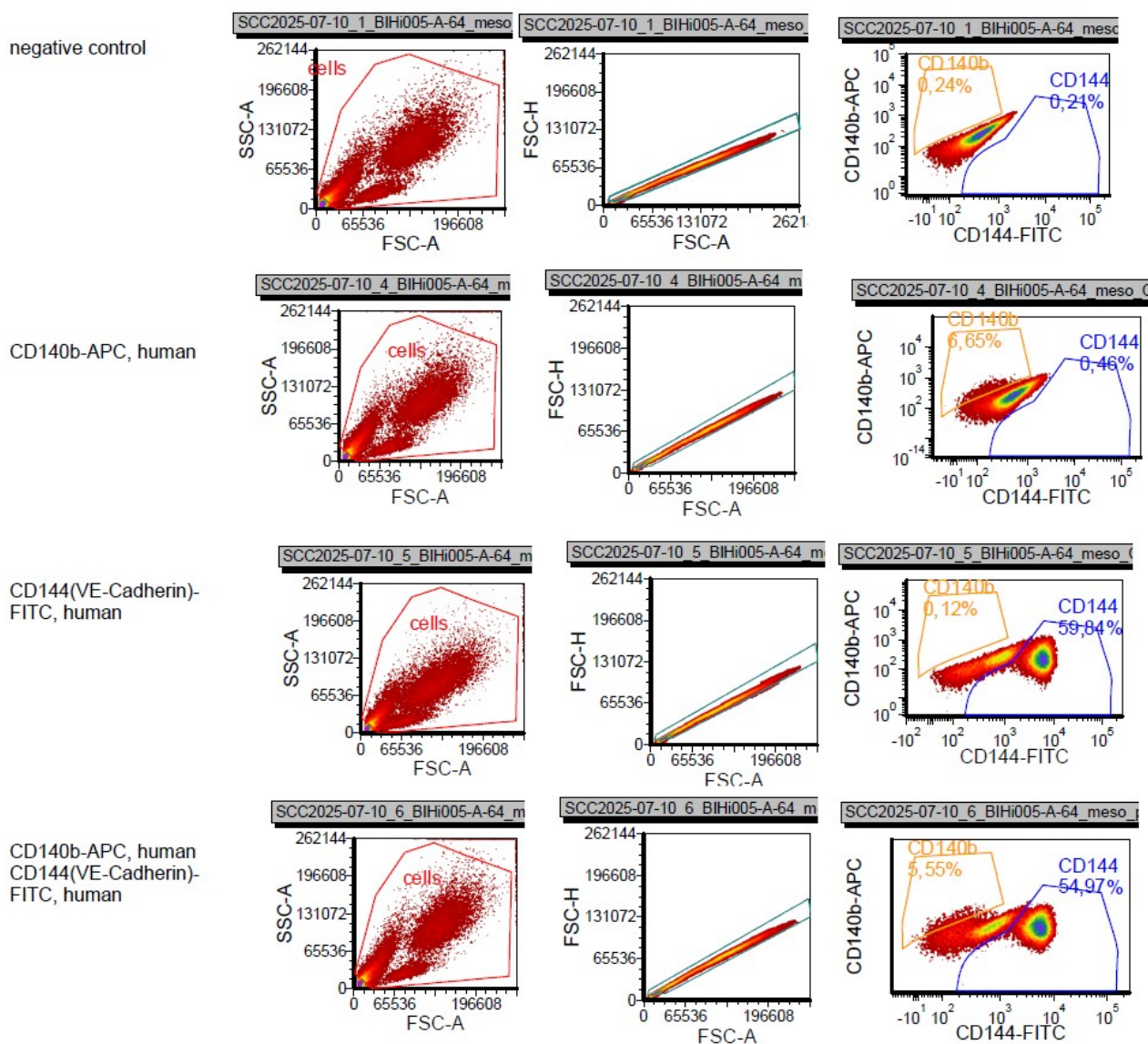
Cell line name	BIHi005-A-64
Bank ID	MB01
Passage No.	7
Date of testing	10.07.2025
Protocol	7.03.0 Validation of pluripotency capacity by Trilineage differentiation with Miltenyi kit

Method

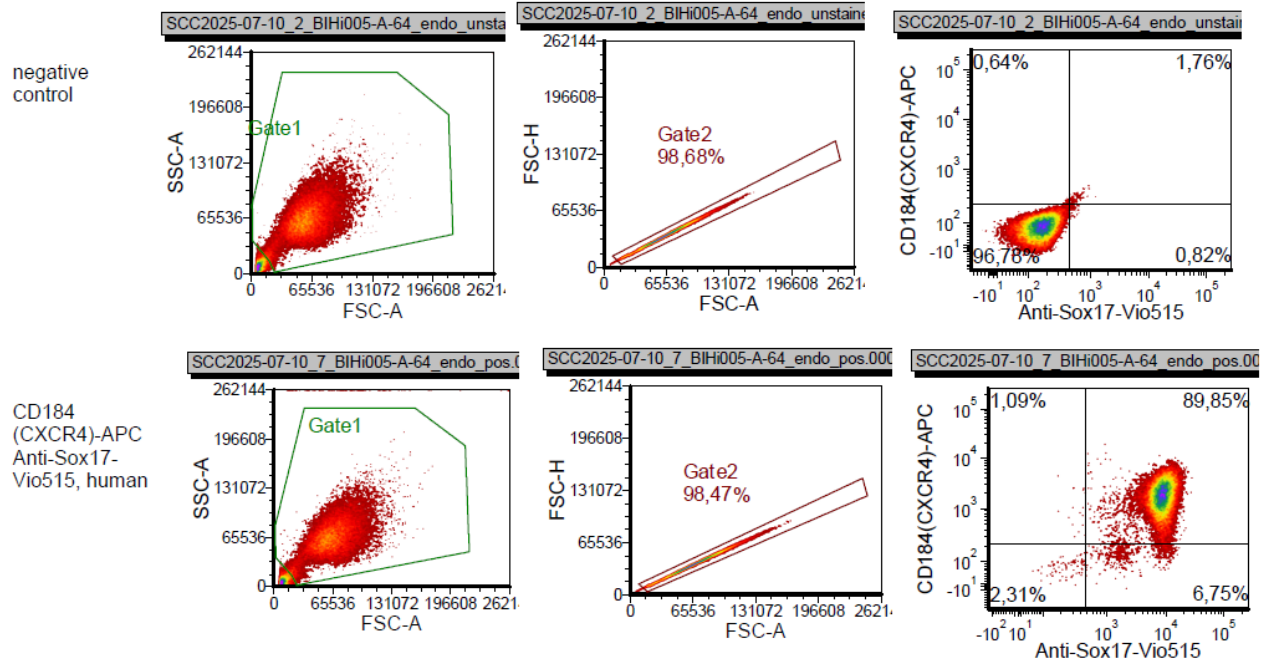
The Test was performed regarding the StemMACS Trilineage Differentiation Kit, human (MACS Miltenyi Biotec, Cat-No. 130-115-660). The 7-day assay enables direct differentiation of pluripotent stem cells into ecto-, meso and endoderm. The resulting cell population was measured by FACS analysis.

Result

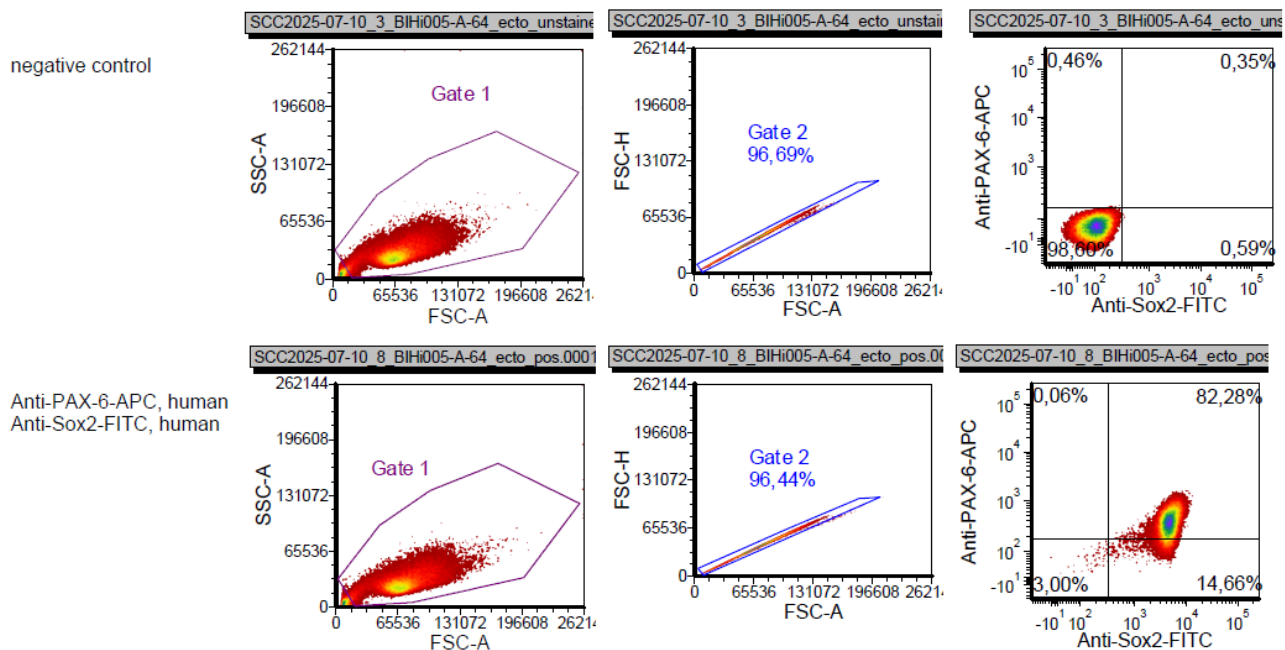
20250710 Trilineage with BIHi005-A-64 MB01 p7 mesoderm differentiation with Miltenyi kit



20250710 Trilineage with BIHi005-A-64 MB01 p7 endoderm differentiation with Miltenyi kit



20250710 Trilineage with BIHi005-A-64 MB01 p7 ectoderm differentiation with Miltenyi kit



Conclusion

The cell line shows potency to differentiate into mesoderm, ectoderm and endoderm lineages. The lineage markers CD140b, CD144 (Mesoderm), Sox2, Pax6 (Ectoderm) and Sox17, CD184 (Endoderm) showed positive FACS results.

Date: 10.07.2025