**A**

Flk-1 positive cell (%) over days 3.5 to 7.5.

- **Day 3.5**: 10.5% ± 1.5%
- **Day 4.5**: 30.7% ± 2.5%
- **Day 5.5**: 20.5% ± 2.5%
- **Day 6.5**: 15.5% ± 1.5%
- **Day 7.5**: 5.5% ± 1.5%

*Day 4.5* shows a significant increase in Flk-1 positive cells compared to other days.

**B**

**Pre MACS at Day 4.5**

- Nanog-GFP:
  - Negative through Flk-1 positive:
    - SSC
    - FSC
- Positive through Flk-1 positive:
  - Nanog-GFP

**Post MACS at Day 4.5**

- Nanog-GFP:
  - Negative through Flk-1 positive:
    - SSC
    - FSC
  - Positive through Flk-1 positive:
    - Nanog-GFP

- Fluorescence-Activated Cell Sorting (FACS) analysis indicates a high positive rate of Flk-1 expression post MACS at Day 4.5.