

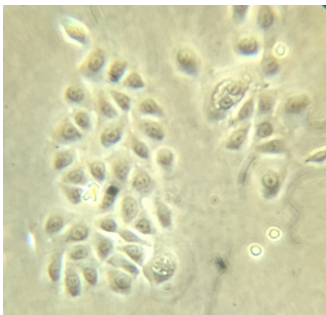
**Normal Human Epidermal Keratinocytes (NHEK), neonatal foreskin**

## Specification Sheet

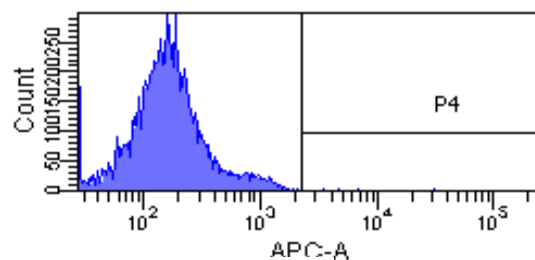
Catalog Number	NHEK-nf
Product Name	Normal Human Epidermal Keratinocytes
Vial Content	0.5 x 10 <sup>6</sup> cryopreserved primary cells
Stage of Culture	Frozen on passage 2 after cell isolation
Storage	Liquid nitrogen
Donor	Male, Newborn
Cell Viability	95%
Population Doublings	16-20h

**Phenotypic Characterization (tested at p2):**

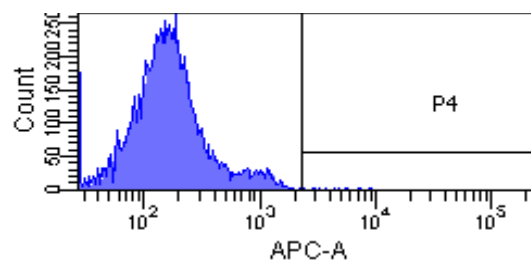
- 99.9% positive for NHEK marker CD49f
- cablestone morphology.



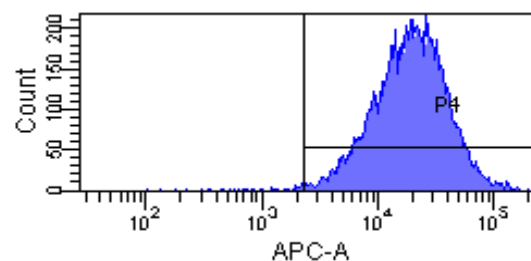
Unstained



IGG Control



CD49f



Validated for production of reconstructed skin model:

Negative for HIV-1, HIV-2, HCV, HTLV-1, HTLV-2 and other microbiological contaminants (Bacteria, Fungi, Mycoplasma).