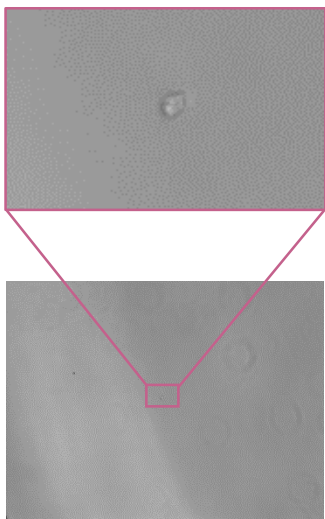


cellenion ONE

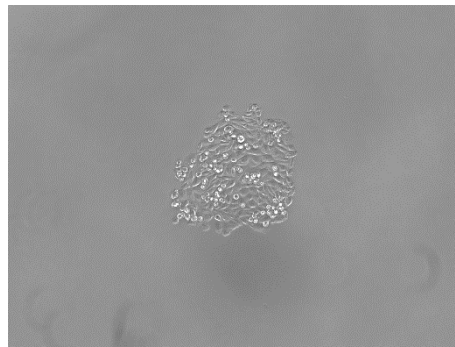
Application note n°1

CELL LINE DEVELOPMENT MADE EASY

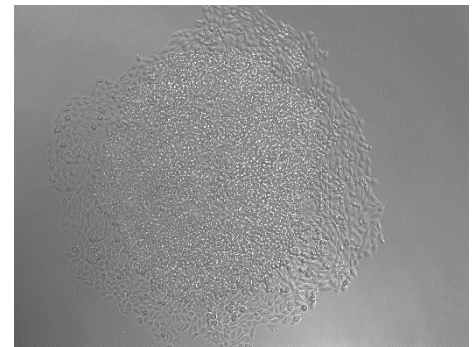
Automate your cloning steps



d0



d4



d8

“HuBBB™ technology is a very powerful B cell immortalization system. However, data were limited due to successful cloning of only 10% of immortalized B cells. The combination of HuBBB™ and CellenONE® dramatically increases cloning efficiency up to 90%, thus providing significant time saving and ensuring identification of the very best clones”

Jean-Jacques PIN, CEO, Dendritics

A collaboration between:

cellenion
ENHANCING LIFE

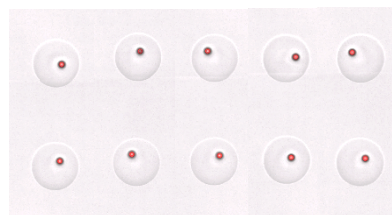


www.cellenion.com

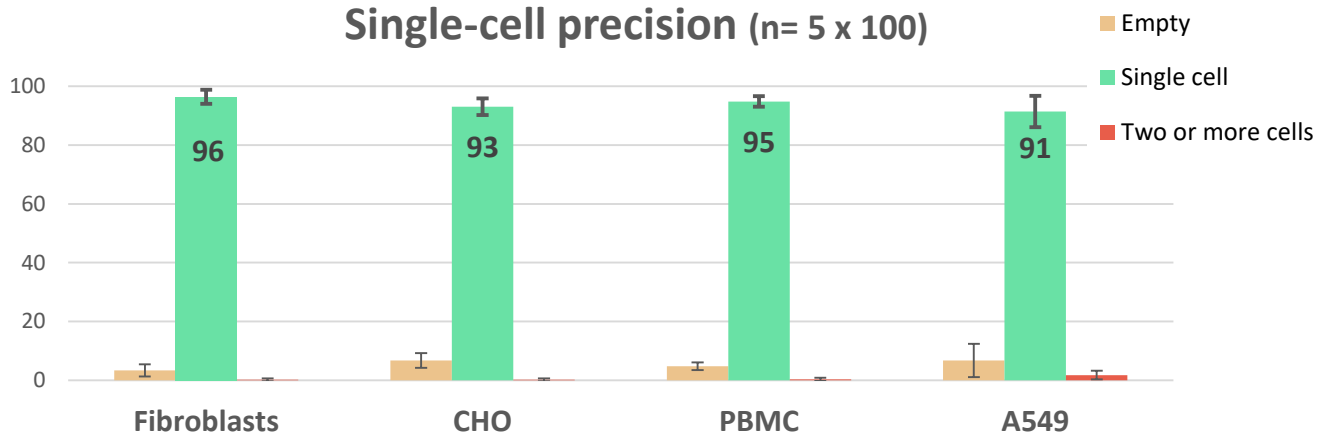
www.dendritics.net

Highly precise and accurate single cell dispensing

CellenONE® allow isolation and dispensing of a wide variety of cells :



Single-cell precision (n= 5 x 100)

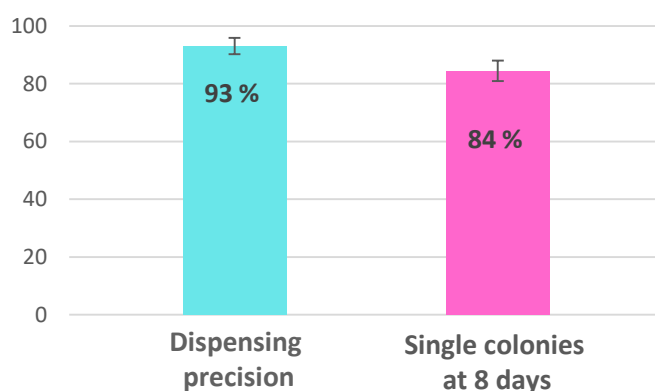


Cloning Applications

By maintaining outstanding cell viability, CellenONE® can be used for automated cloning when developing novel cell lines :

- used in mAb development, e.g. hybridoma, CHO, HEK
- post CRISPR/Cas9 modifications

Cell line – CHO (n = 5 x 96)



Benefits

- ✓ **Accurate:** up to 100% single-cell isolation (forget Poisson distribution)
- ✓ **Outstanding Viability:** allowing further downstream work/culture
- ✓ **Fast:** dispense 96 single cells in less than 4 minutes.
- ✓ **Open platform:** dispense into/onto any type of multiwell plates (96, 384 or 1536)
- ✓ **Versatile:** no restriction in mammalian cell sizes, concentrations and solution composition

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