



Miltenyi Biotec



## Reference list

# MACS® SmartStrainers – Not your typical cell strainer

MACS® SmartStrainers are designed for the fast removal of cell aggregates or large particles from dissociated tissue or large blood samples to obtain uniform single-cell suspensions. The smart design of the MACS SmartStrainers reservoir allows optimal ventilation during filtration so that clogging is not an issue. The MACS SmartStrainers offer great flexibility and easily fit into standard 15 mL and 50 mL conical tubes of all major suppliers. Moreover, their compact design facilitates sterile handling. The strainers are available with three different mesh sizes:

- MACS SmartStrainers (30 µm)  
50 filters (sterile, single-packed)  
100 filters (sterile packed as 4x25 pieces)
- MACS SmartStrainers (70 µm)  
50 filters (sterile, single-packed)  
100 filters (sterile packed as 4x25 pieces)
- MACS SmartStrainers (100 µm)  
50 filters (sterile, single-packed)  
100 filters (sterile packed as 4x25 pieces)

## Selected references

The MACS SmartStrainers have been used in many high impact research publications all over the world. We have curated a selection of the most recent publications for you.

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Karacosta, L. G. *et al.* (2019) Mapping lung cancer epithelial-mesenchymal transition states and trajectories with single-cell resolution. *Nat Commun.* 10(1):5587. doi:10.1038/s41467-019-13441-6

Koay, H. F. *et al.* (2019) Diverse MR1-restricted T cells in mice and humans. *Nat Commun.* 10(1):2243. doi:10.1038/s41467-019-10198-w

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