🌐 CD45 Depletion: Sorting for CD45 Negative Cells from a single cell suspension

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| 1 | *Works for me* | This protocol is published without a DOI. |

Chelseahortman

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ABSTRACT

CD45 Depletion: Sorting for CD45 Negative Cells from a single cell suspension

FACS Buffer:

- 1L dPBS (Cell Center, cat# 14190136, without Ca++ & Mg++)

- 2mL EDTA (Invitrogen, cat# 15575020, UltraPure, 0.5M, ph 8.0, 100mL)

- 10mL of FBS (Invitrogen, cat# 10437-028, 500mL)

0.04% BSA+PBS:

- 10mg BSA (Jackson, cat# 001-000-162, IgG free, protease free)

- 25mL PBS (Cell Center, cat# 14190136, without Ca++ & Mg++)

MACS Accessories: (Miltenyi Biotec):

QuadroMACS Separator (cat# 130-090-976)

MACS multistand (cat# 130-042-303)

MACS LS Cloumns (25pk) (cat# 130-042-401)

MACS CD45 Microbeads, human, 2mL (cat# 130-045-801)

Other:

Cellometer K2 (Nexcelome)

Countess™ Cell Counting Chamber Slides (Thermo Fisher cat#C10228)

ViaStain™ AOPI Staining Solution (Nexcelom/ Fisher cat #CS2-0106)

Evos (Lifetech)

Trypan Blue (Fisher/ cat #ICN1691049)

ATTACHMENTS

[CD45 Depletion Protocol.pdf]

PROTOCOL CITATION

Morrisey Lab 2021. CD45 Depletion: Sorting for CD45 Negative Cells from a single cell suspension.
protocols.io
https://protocols.io/view/cd45-depletion-sorting-for-cd45-negative-cells-fro-btnjnmcn

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