

The [International Society for the Advancement of Cytometry \(ISAC\)](#) has highlighted the importance of including comprehensive methodological information to ensure data reproducibility and reliability. In line with this, Frontiers in Immunology now requires authors to submit a checklist for manuscripts that involve flow or mass cytometry. This checklist helps standardize the reporting process, improving the quality and transparency of published data. By doing so, we support scientific progress, making it easier for other researchers to replicate and validate experiments.

This form should be submitted with any manuscripts using flow or mass cytometry.

Sample/specimen/material description

- ☐ Total blood
- ☐ PBMCs
- ☐ Organ digests

Other _____

Did the samples suffer any treatment before or after incubation with the antibodies?

- ☐ Drug _____
- ☐ Cell permeabilization _____
- ☐ Dye _____
- ☐ Propidium iodine
- ☐ Not applicable

Other _____

Instrument and antibodies

Name of the Cytometer _____

Antibodies and targets	Fluorochrome/ Metal	Catalog number/Company
e.g. anti-CD4	FITC	Cat. XXX/ XXX Ltd.

[illegible]

[illegible]

Data analyses

1. Name of the software_____
2. Reference gating strategy in the manuscript or supplementary material

Gating strategy in (eg Figure X) _____