



## Flow Cytometry Customized Biomarker Analysis

The past decade has witnessed a remarkable increase in the amount of small and large molecules developed for therapeutic use, especially therapeutic antibodies - a trend, which is predicted to continue. Cellular biomarkers have proven to be indispensable for defining disease pathology, toxicological assessment and efficacy of these new drugs.

Flow cytometry is a powerful cellular analysis technique, which has proven to be valuable in research, drug development, and clinical trial environments.

Eurofins BioPharma Product Testing Munich is well positioned to assist you with customized flow cytometry assay development, validation, and solutions for your sample analysis needs. We have developed four modular core assays that drug developers can use as they are or modify with additional markers to meet the needs of the specific clinical investigation.

- Leukocyte subsets panel (T, B, NK(T), Monocytes)
- T cell activation/exhaustion panel (incl. PD1, CTLA-4)
- T-Helper cell panel (Th1, Th2, Th17, Treg)
- Dendritic cell panel



The rapid-access of the off the shelf qualified panels provide: reduced cost, quick development time and flexibility to be validated according to the levels required by the study.

Our Immunoanalytics department operates multiple flow cytometry Canto II systems. Flow cytometry assays at Eurofins Munich are specifically aligned with a well-established blood stabilization technology to meet the special needs of human material in global clinical trials. Sample analysis is performed in compliance with GCP/GLP.

As a leading innovator in flow cytometry supporting long term clinical trials, we use molecules of equivalent soluble fluorochrome beads to enable the standardization of fluorescence intensity units irrespective of instrument and day of measurement.

We are highly experienced in supporting worldwide clinical trials and in handling various samples from numerous clinical centers. Training of clinical sites by our flow cytometry experts ensures high quality sample preparation.

**Any questions? Please contact us at  
[info-munich@eurofins.com](mailto:info-munich@eurofins.com).**

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