

Flow Cytometry Assays

A variety of flow cytometry-based assays are offered by WuXi AppTec in support of process development, lot release qualification, or stability programs. These assays are performed under GLP/GMP conditions designed to meet the needs of the cell therapy and biopharmaceutical industries.

Assays and studies can be executed per specific instruction, performed using standard protocols, or developed “from the ground up,” based on guidelines and project goals. Our experienced scientists and supporting departments work with the Sponsor to ensure efficient transfer of study-related materials, as well as design of optimization studies, operating procedures and results analysis.

WuXi AppTec is a global leader in providing discovery, testing and manufacturing services for the pharmaceutical, biotechnology and medical device industries. Research-driven and customer-focused, with operations in China and the U.S., WuXi AppTec offers a broad and integrated portfolio of services designed to assist our customers with cost-effective and efficient outsourcing solutions.

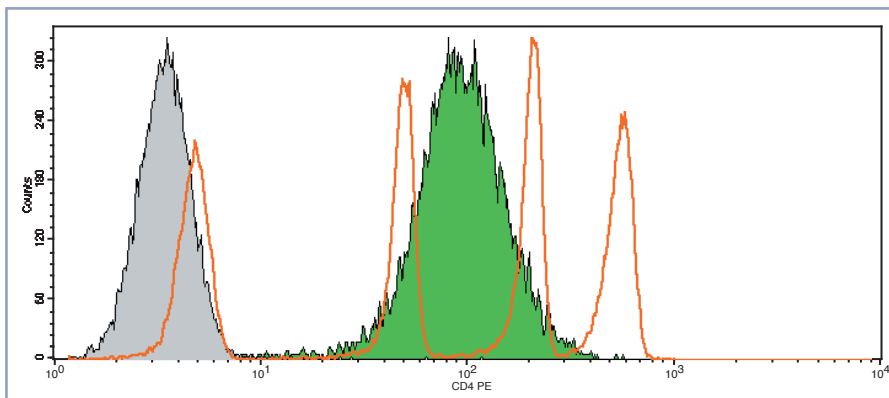
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Flow cytometry assays available from WuXi AppTec include:

- Antigen expression and stability
- Activation/Suppression studies
- Apoptosis
- Cell cycle analysis
- Gene expression/transfection studies (e.g., GFP expression)
- Cytokine production
- Titration and cross-blocking studies
- QC of manufactured antibodies and/or fluorescent conjugates
- Antibody panel screening for rule-out/rule-in of candidates
- Assay development and other custom services available upon request



ABOVE:
Becton Dickinson FACSCalibur™ Flow Cytometer.



LEFT:
Evaluation of CD4 expression on CEM-A cells. CD4 antigen density of CEM-A cells (positive in green, negative control in grey) can be calculated using a series of beads (orange) with a known number of fluorescent molecules (Becton Dickinson QuantiBRITE™ PE) and comparing their fluorescence intensity to that of the cells.

For more information on WuXi AppTec's services please contact:

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