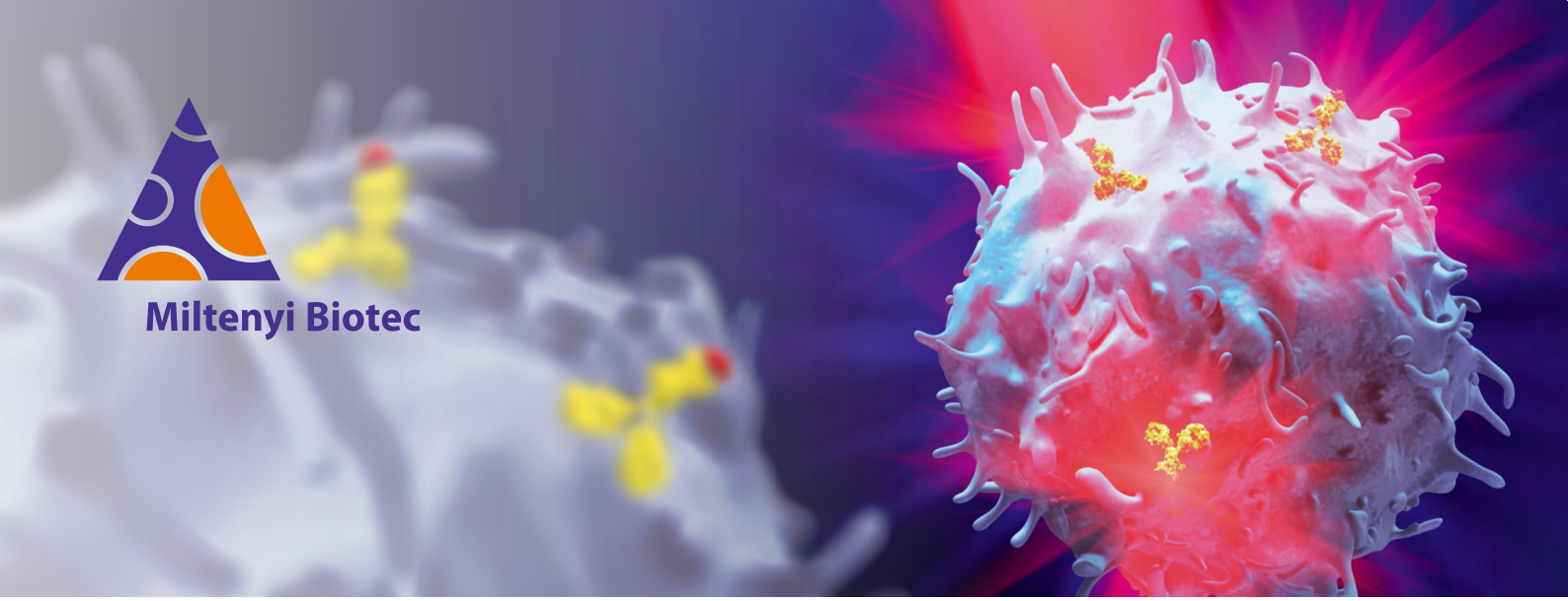


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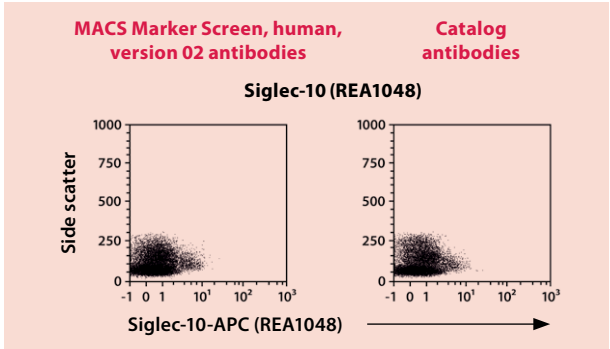
MACS® Marker Screen, human, version 02

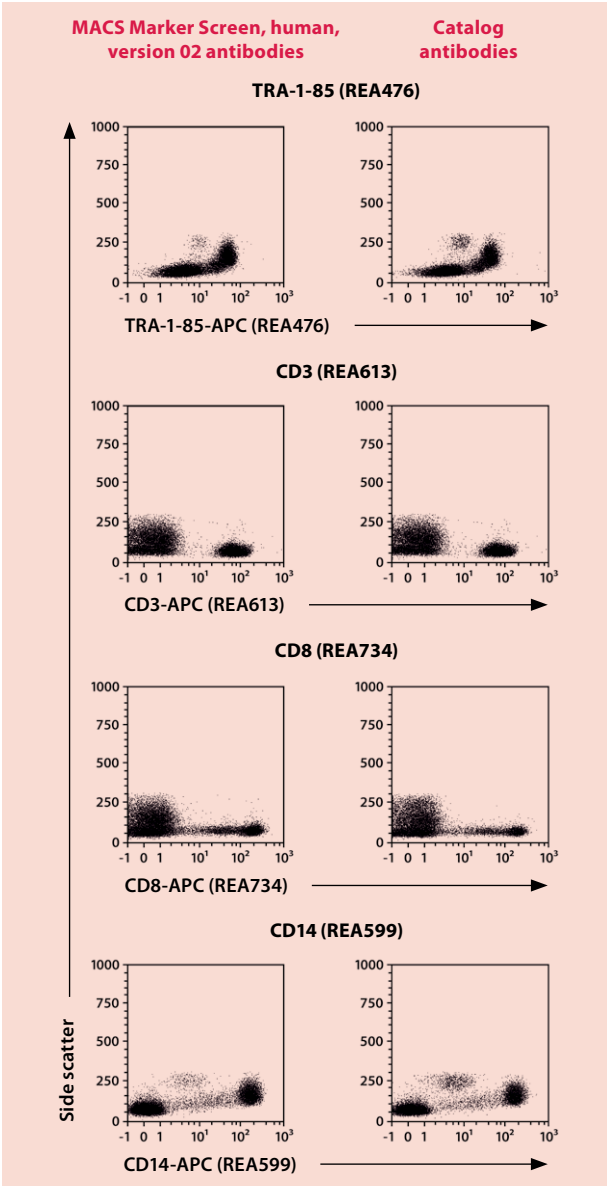
Product performance

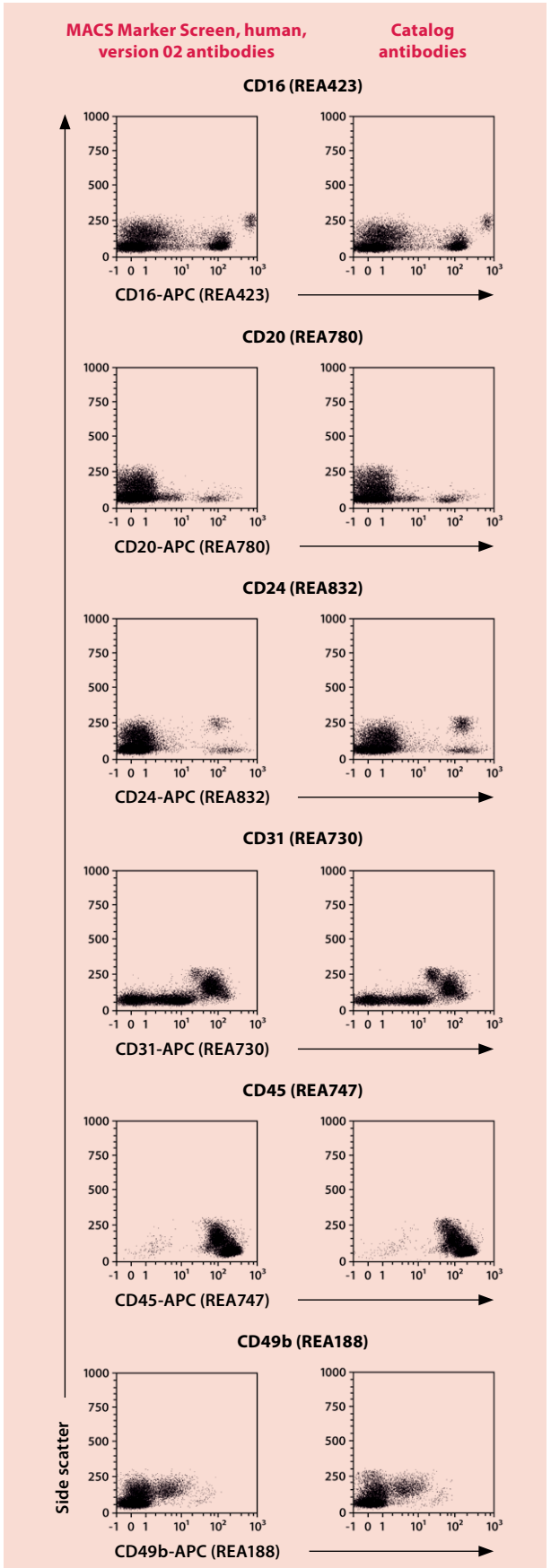
MACS Marker Screen, human, version 02 combines the benefits of flow cytometry and high quality pre-titrated antibodies to screen for markers of interest in a standardized and high throughput manner. Identified markers or combinations of markers can serve to better characterize cell composition or cells of interests, or can be utilized to develop target cell isolation strategies.

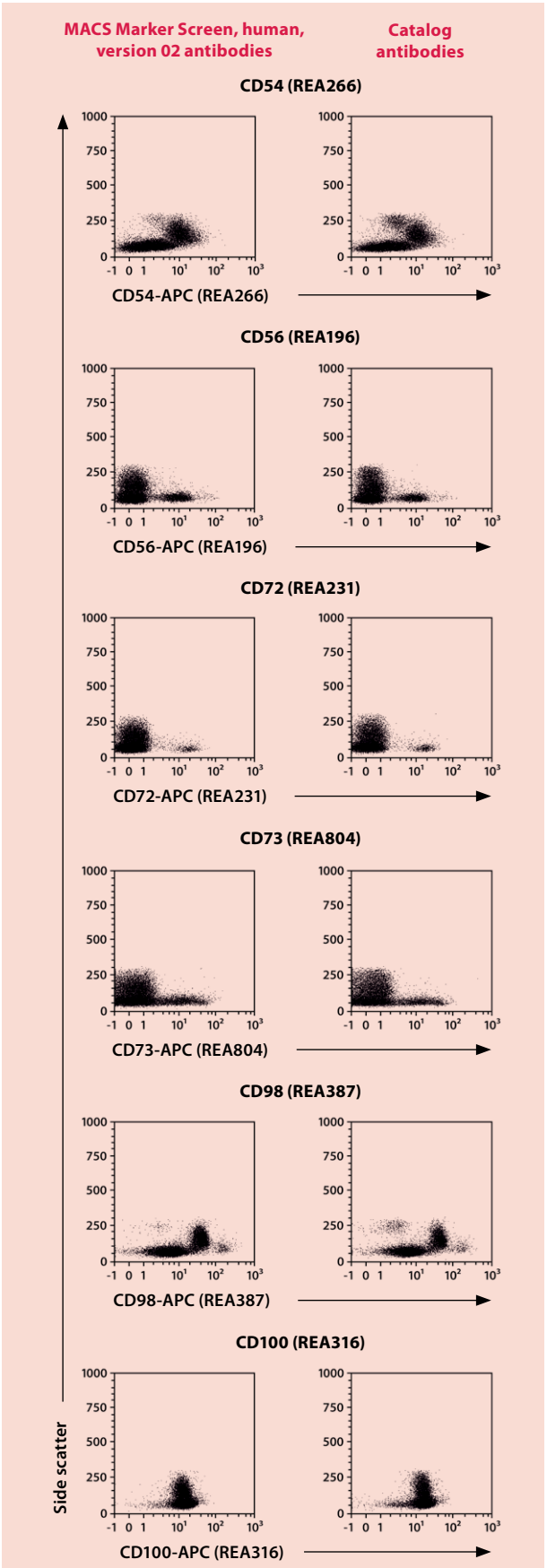
The performance of MACS Marker Screen, human, version 02 antibodies was tested and compared with catalog reagents offered in single vials as liquid antibody reagents.
The antibodies were reconstituted using 25 µL of reconstitution solution each (refer to data sheet). Freshly prepared human lysed whole blood as then added to each well and stained for 20 minutes in the dark at 2–8 °C followed by a wash step. The cells were then resuspended in 60 µL of PEB buffer, and analyzed using an MACSQuant® Analyzer with an uptake volume of 40 µL.

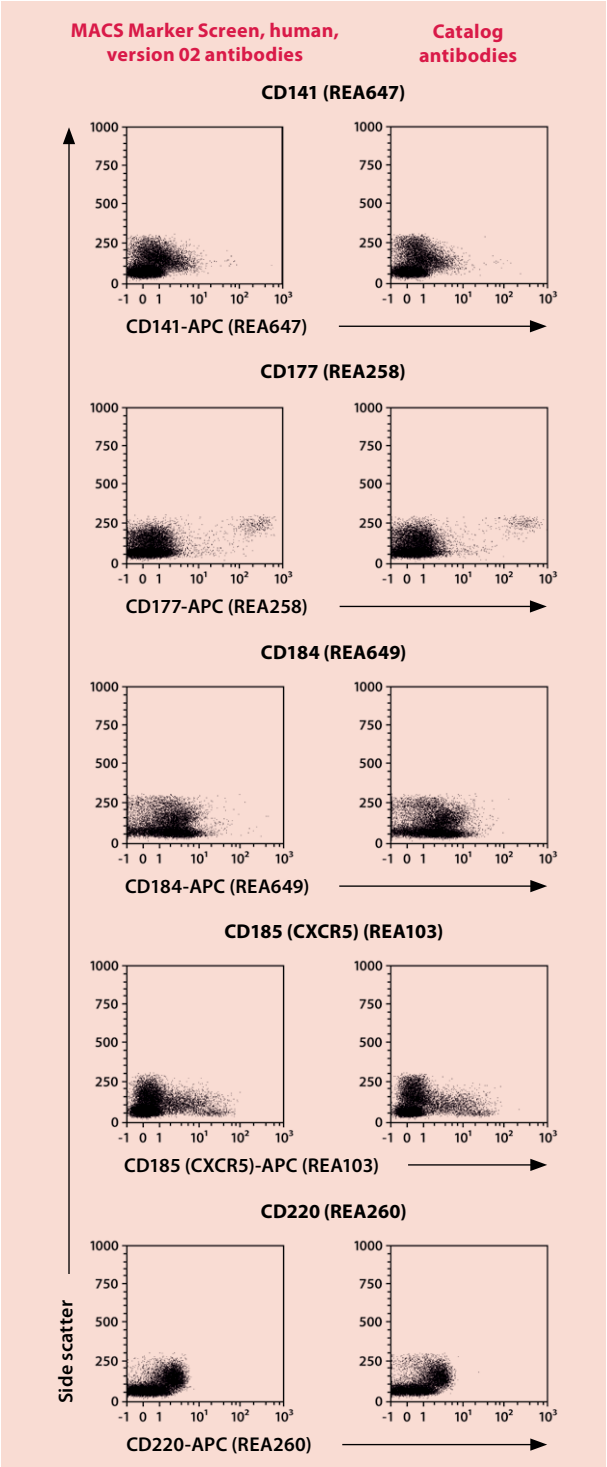
No significant differences were observed in the staining patterns or median fluorescence intensity between liquid antibodies and antibodies of the dried product. Here some representative data are shown from the comparison of the MACS Marker Screen, human, version 02 against catalog reagents.

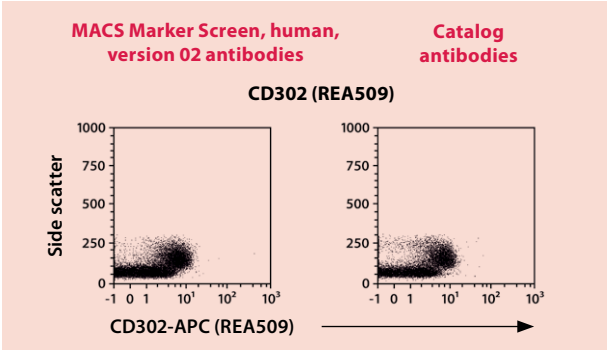





MACS Marker Screen, human, version 02 antibodies
Catalog antibodies
CD16 (REA423)
CD16-APC (REA423)
CD20 (REA780)
CD20-APC (REA780)
CD24 (REA832)
CD24-APC (REA832)
CD31 (REA730)
CD31-APC (REA730)
CD45 (REA747)
CD45-APC (REA747)
CD49b (REA188)
CD49b-APC (REA188)
Side scatter


MACS Marker Screen, human, version 02 antibodies
Catalog antibodies
CD54 (REA266)
CD54-APC (REA266)
CD56 (REA196)
CD56-APC (REA196)
CD72 (REA231)
CD72-APC (REA231)
CD73 (REA804)
CD73-APC (REA804)
CD98 (REA387)
CD98-APC (REA387)
CD100 (REA316)
CD100-APC (REA316)
Side scatter





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