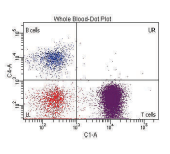
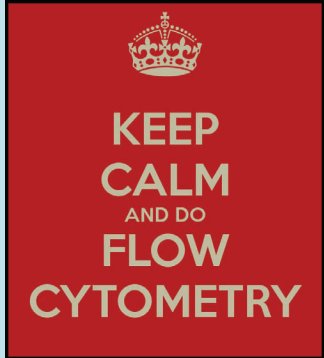




- ### This Issue:
- Novel Positive Flow Cytometry Control
 - FCS Laboratory Third Quarter 2014 Updates and Events
 - Autumn Events in Washington State



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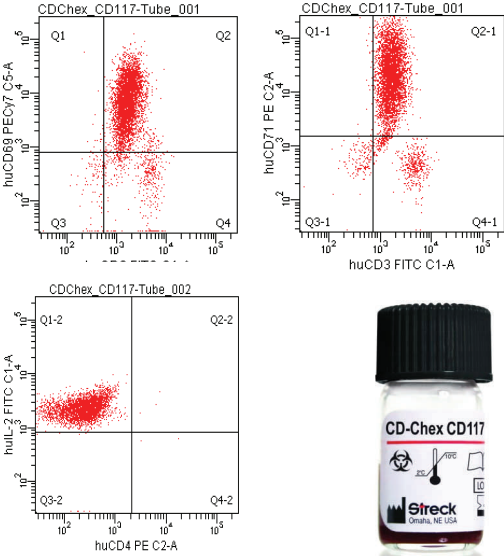


Novel Applications for the CD-Chex CD117 Plus Positive Procedural Control in Flow Cytometry

Streck has recently released a CD-Chex CD117™ Plus. The control was developed with characteristics similar to the abnormal peripheral blood leukocytes often found in a hematolymphoid neoplastic patient sample. CD-Chex CD117 Plus possesses surface CD117, CD25 and CD71 that are detectable with fluorescent monoclonal antibodies by flow cytometry. The abnormal leukocytes are distinguishable from normal leukocytes on the basis of light scatter properties, a low level of CD45 expression. CD-Chex CD117 Plus provides abnormal and total leukocyte assay values for CD117, CD25 and CD71.

With biomarkers that require stimulation in order to be expressed at detectable levels, having stabilized positive controls to demonstrate positive staining is very important. At FCS Laboratory we are expanding this new product to further its applications to also include intracellular and other activation markers. Some examples of these is shown in the cytogram figure showing staining for

CD69 and CD71 surface activation markers as well as IL-2 intracellular staining. For more details on these cutting edge uses of the CD-Chex CD117 Plus product, do not hesitate to contact us!



FCS Laboratory Third Quarter 2014 Updates and Events

Autumn Events in Washington State

International Clinical Cytometry Society Meeting-

Come visit our booth and poster www.cytometry.org

We will be attending the ICCS meeting in Seattle, WA October 10-14th

We would like to welcome our new employee Sarah Johnson!

Leavenworth, WA Oktoberfest:

www.leavenworthoktoberfest.com

The dates for 2014 are October 3-4, 10-11 & 17-18. Leavenworth Washington is located in the foothills of the Cascade Mountains in the beautiful Pacific Northwest. Today more than a million tourists come to Leavenworth each year for their Traditional Bavarian Village and Events.