



eBioscience Reagents

Quality First. Value Always.



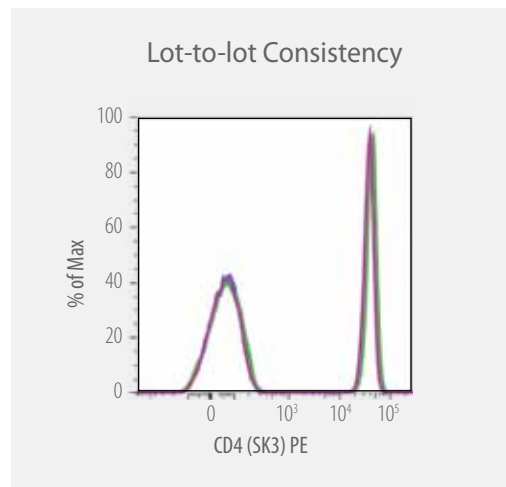
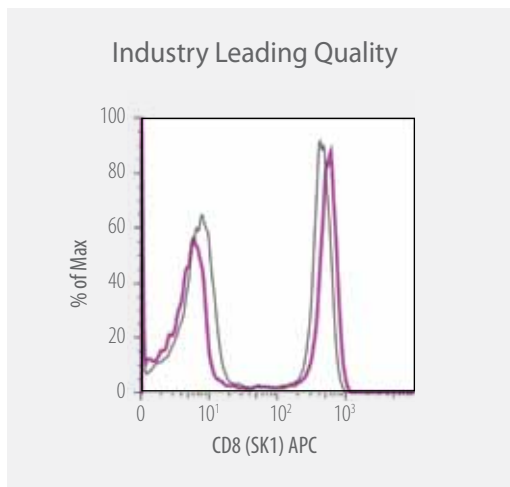
eBioscience is committed to developing and manufacturing high-quality, innovative reagents in an ISO certified facility. As a provider of more than 10,000 products, we empower our customers worldwide to obtain exceptional results by using reagents that offer a new standard of excellence in the areas of innovation, quality and value.



REAGENT PERFORMANCE

Excelling in Quality

eBioscience understands your need for the highest quality antibodies that perform optimally every time. Reagents that consistently provide optimal signal with low background and reproducible lot-to-lot performance save you both time and money. By eliminating the need to repeat testing due to reagent failure, eBioscience ensures the integrity of your long-term studies. Our antibodies for flow cytometry are developed using well-defined performance criteria in relevant model systems and are rigorously tested to provide consistent quality, performance and value. With eBioscience, you can feel confident you are getting both the best product and overall value to support your studies.



Delivering Performance

(LEFT) eBioscience antibody conjugates for flow cytometry meet or exceed the performance standards in the industry. Shown is a representative histogram overlay of human PBMCs stained with the same clone and format manufactured by eBioscience (purple histogram) or an alternative supplier (gray histogram).

Manufacturing Consistency

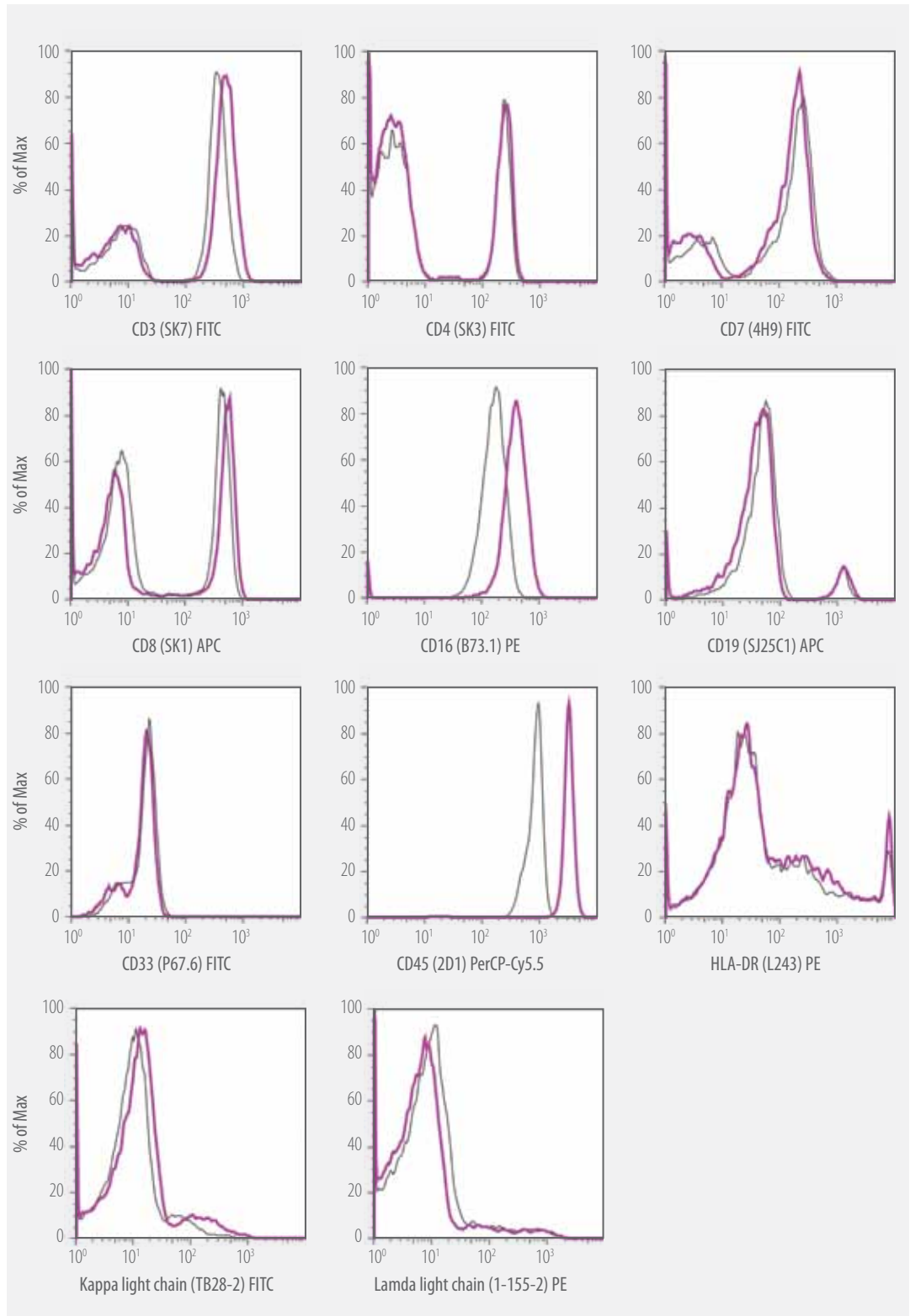
(RIGHT) Consistent performance between production lots is a requirement of the eBioscience manufacturing specifications. Pictured here is a representative histogram overlay of human PBMCs prepared from a single donor and stained with the same antibody clone and format representing three independent production runs. Each lot is represented by a different color (purple, blue, or green) histogram.

Industry Leading Performance

As part of our commitment to providing you with optimal performing reagents, we routinely evaluate eBioscience antibody performance against competitive products when the same clone and format are commercially available. We strive to offer reagents that perform better than comparable products available from other suppliers. **Figure 1** shows several side-by-side comparisons of eBioscience antibody reagents with the identical clone and format obtained from an alternative supplier. (Note: all reagents are used according to manufacturer's instructions.)

Figure 1

Human PBMCs were prepared and stained with the indicated antibody conjugate manufactured by eBioscience (purple histogram) or an alternative supplier (gray histogram). Each antibody conjugate was used at the optimal concentration as defined by the manufacturer.



 Please visit eBioscience.com as new products are launched regularly.

Lot-to-Lot Consistency

In addition to optimal performance, reagents from eBioscience demonstrate dependable lot-to-lot consistency. This commitment to quality ensures reliable data from long-term studies and eliminates the need to recalibrate your staining for a new lot of antibody. Our stringent manufacturing specifications require consistent performance between production lots to ensure reliable and accurate results in your studies. **Figure 2** is a lot-to-lot comparison of three lots of the eBioscience CD4 SK3 clone made in four different formats. These data demonstrate excellent consistency in performance over three different production lots when used to stain the same donor sample.

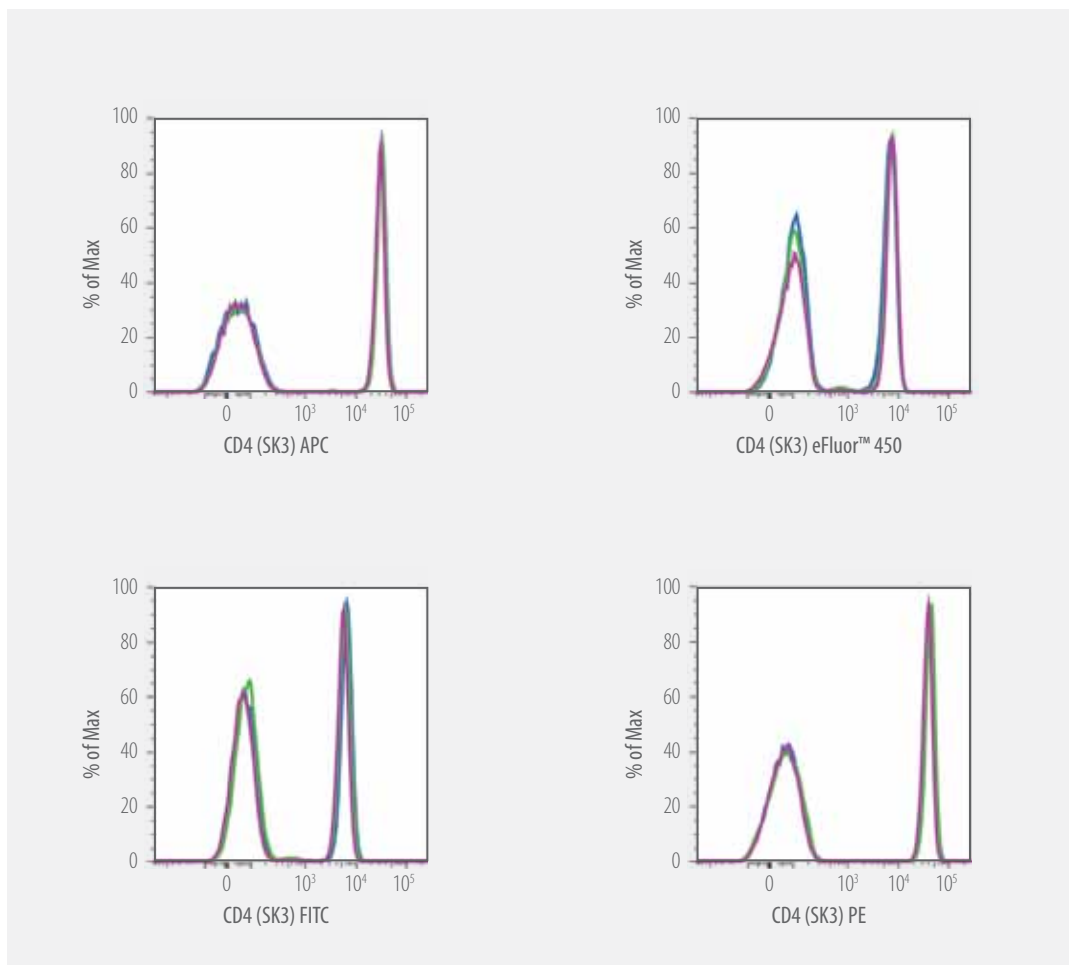


Figure 2

Human PBMCs were prepared from a single donor and stained with the anti-CD4 clone SK3 in the indicated format. For each format, three histograms are overlaid (blue, green and purple), each color representing an individual production lot.

Fluorochrome Choices

eBioscience Fluorochrome Choices and Filter Recommendations

This table lists the array of eBioscience fluorochromes currently available as antibody conjugates along with the recommended filter configuration for optimal resolution of each fluorochrome.

| Fluorochrome | Excitation Laser (nm) | Emission Maximum (nm) | Dichroic Mirror | Band Pass Filter |
|---------------------------|-----------------------|-----------------------|-----------------|--------------------------------|
| VIOLET LASER | | | | |
| eFluor™ 450 | 405, 407 | 450 | -- | 440/40, 450/50 |
| eFluor™ 605 ^{MC} | 355, 405, 407 | 605 | 595 LP | 605/40, 605/50, 605/20, 610/20 |
| eFluor™ 625 ^{MC} | 355, 405, 407 | 625 | 595 LP | 605/50, 625/20 |
| eFluor™ 650 ^{MC} | 355, 405, 407 | 650 | 630 LP | 655/20, 660/40 |
| BLUE LASER | | | | |
| FITC | 488 | 518 | -- | 530/30 |
| Alexa Fluor® 488 | 488 | 519 | -- | 530/30 |
| PE | 488 | 575 | 550 LP | 575/26, 585/40 |
| PE-Cy5 | 488 | 667 | 635 LP | 670/14, 695/40 |
| PerCP-Cy5.5 | 488 | 695 | 685 LP | 695/40, 710/40 |
| PerCP-eFluor™ 710 | 488 | 710 | 685 LP | 695/40, 710/40 |
| PE-Cy7 | 488 | 785 | 735 LP | 780/60, 780/40 |
| RED LASER | | | | |
| APC | 633, 635, 640 | 660 | -- | 660/20 |
| Alexa Fluor® 647 | 633, 635, 640 | 668 | -- | 660/20 |
| Alexa Fluor® 700 | 633, 635, 640 | 723 | 685 LP | 710/40, 710/50, 720/45 |
| APC-eFluor™ 780 | 633, 635, 640 | 780 | 740 LP | 780/60 |

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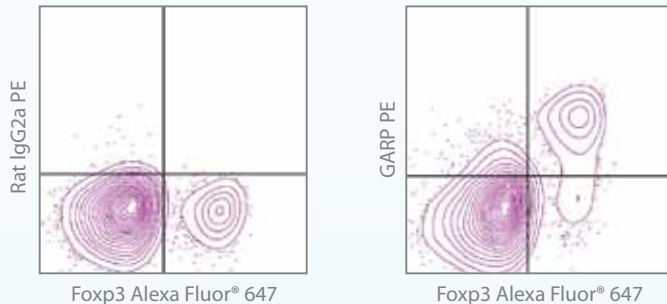
Quality and value are paramount when choosing reagents for your studies. At eBioscience, we manufacture our products to meet stringent performance specifications so you can feel confident that a new lot of antibody will perform consistently with previous lots. Our scientists are committed to keeping pace with the dynamic changes in the life sciences by developing relevant, high quality reagents at an accelerated pace. We pride ourselves in being first to market with many critical reagents over the past 10 years. eBioscience reagents are packaged in convenient sizes to accommodate every study design and are supported by a highly respected Technical Support group that is staffed by experienced scientists to ensure that eBioscience customers get the maximum return on their reagent investment.

 Please visit eBioscience.com as new products are launched regularly.

eBioscience delivers **MORE** choice with a **FULL SPECTRUM** of cell analysis products

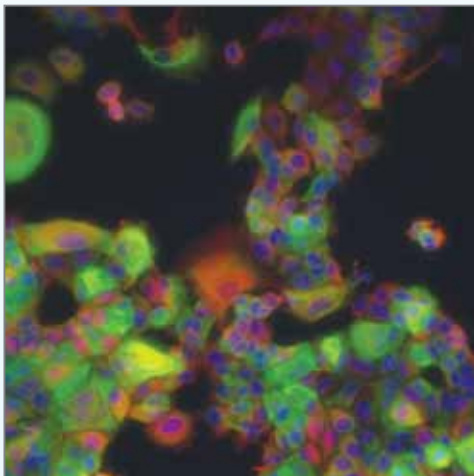
eBioscience is recognized worldwide for exceptional support of research at the forefront of biology.

NEW! anti-mouse GARP for Flow Cytometry



Activated CD4+ mouse splenocytes stained with anti-mouse GARP PE and anti-mouse Fcγ2a PE.

eFluor® Nanocrystals for Microscopy



Immunofluorescence microscopy of MCF-7 cells stained with anti-pan Cytokeratin Alexa Fluor® 488 (green) and anti-α Tubulin Biotin followed by Streptavidin eFluor® 650NC (red) and Nuclear RED (DRAQ5™) (blue).

Using eFluors?

Be rewarded with a \$200 product credit. See how @ eBioscience.com



FLOW CYTOMETRY

- 1-Step Fix/Lyse Solution
- Fixable Viability Dye eFluor® 450
- Fixable Viability Dye eFluor® 660
- Fixable Viability Dye eFluor® 780
- anti-mouse GARP
- Human & Mouse Th17 Cytokine Flow Phenotyping Panels

IMMUNOASSAY

- Bender MedSystems FlowCytomix™
- Bender MedSystems Instant ELISA®
- Mouse IL-15/IL-15R Ready-SET-Go!® ELISA

BIOASSAY

- Recombinant Mouse IL-15/IL-15R
- Recombinant Mouse LIF

IMMUNOBLOTTING

- TrueBlot® Western Blotting Reagents

MICROSCOPY

- eFluor® Nanocrystals
- anti-human/canine Ki-67
- anti-pan Cytokeratin



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