



July 28, 2022

## Subject: Change in MFI for hu CD15 clone W6D3

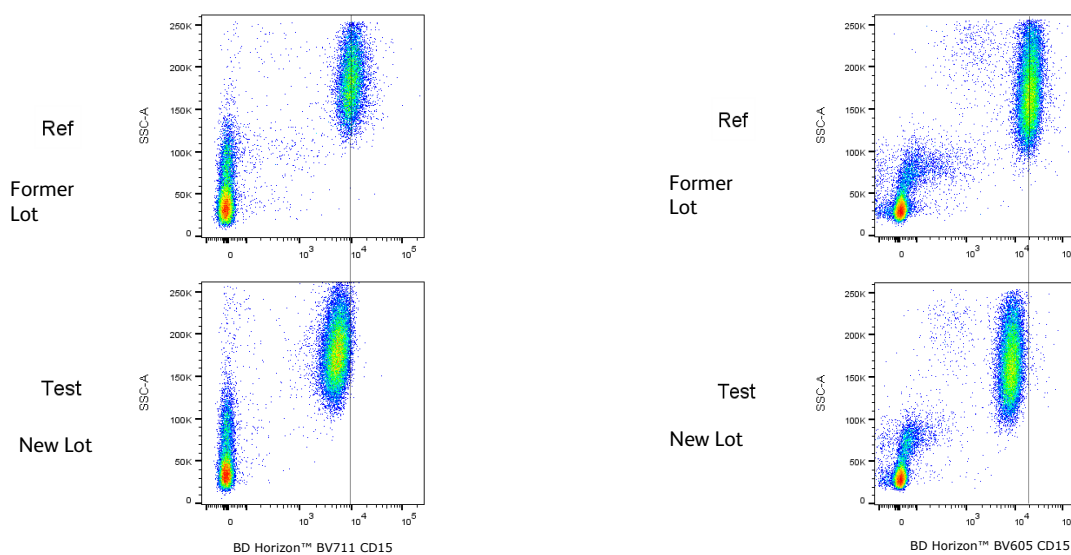
Dear Valued Customer,

As your partner in scientific research, we understand the importance of consistent reagent performance to your research.

We are writing to inform you of a measurable change in performance of clone W6D3 with specificity for Human CD15. We have observed a consistent decrease in mean fluorescence intensity (MFI) on peripheral blood granulocytes with multiple conjugate formats.

Even with this MFI reduction, clone W6D3 retains its ability to stain and distinguish the granulocyte target cell populations (see Figures 1-2). Percent positive staining is not impacted by this performance change - granulocytes are still 99% positive as shown in Figure 1 and 2.

We will continue to support and sell the affected products as they still meet our standards of quality and performance for the intended target.



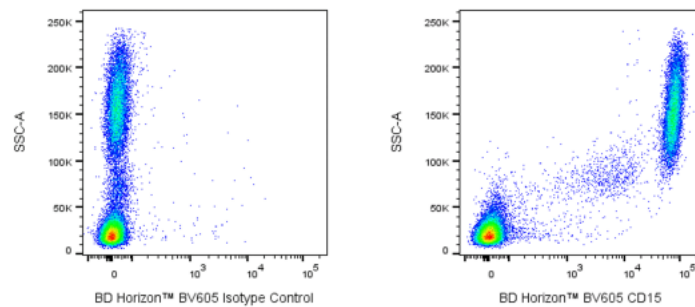
This notice applies to the following SKUs:

**Figure 1:** Multiparameter flow cytometric analysis using BD Horizon™ BV711 Mouse Anti-Human CD15 W6D3 Antibody (Cat. No. 563142) on human peripheral blood. Flow cytometry was performed using a BD LSRFortessa™ X-20 Flow Cytometer System.

**Figure 2:** Multiparameter flow cytometric analysis using BD Horizon™ BV605 Mouse Anti-Human CD15 W6D3 antibody (Cat. No. 562979/562980) on human peripheral blood. Flow cytometry was performed using a BD FACSCanto™ 10a Flow Cytometer System.

| Material # | Material Description                   |
|------------|----------------------------------------|
| 562369     | Hu CD15 Alexa Fluor™ 647 W6D3 100 test |
| 740318     | Hu CD15 BUV395 W6D3 50 µg              |
| 741187     | Hu CD15 BUV496 W6D3 50 µg              |
| 741417     | Hu CD15 BUV563 W6D3 50 µg              |
| 751550     | Hu CD15 BUV615 W6D3 50 µg              |
| 741660     | Hu CD15 BUV661 W6D3 50 µg              |
| 741876     | Hu CD15 BUV737 W6D3 50 µg              |
| 742057     | Hu CD15 BUV805 W6D3 50 µg              |
| 740086     | Hu CD15 BV421 W6D3 50 µg               |
| 563141     | Hu CD15 BV510 W6D3 50 test             |
| 562979     | Hu CD15 BV605 W6D3 25 test             |
| 562980     | Hu CD15 BV605 W6D3 100 test            |
| 740613     | Hu CD15 BV650 W6D3 50 µg               |
| 563142     | Hu CD15 BV711 W6D3 50 test             |
| 747426     | Hu CD15 BV750 W6D3 50 µg               |
| 741013     | Hu CD15 BV786 W6D3 50 µg               |
| 562370     | Hu CD15 FITC W6D3 100 test             |
| 562371     | Hu CD 15 PE W6D3 100 test              |
| 562372     | Hu CD15 PE-CF594 W6D3 100 test         |
| 557895     | Hu CD15 Pure W6D3 100 µg               |

For experiments investigating CD15+ monocytes, whose detection may be influenced by this reduction in MFI, we recommend clone, 7C3.rMAb (see Figure 3).



**Figure 3:** Multiparameter flow cytometric analysis of CD15 expression on human peripheral blood leucocyte populations. Human whole blood was stained with either BD Horizon™ BV605 Mouse IgG1, κ Isotype Control (Cat No. 562652; left plot) or BD Horizon™ BV605 Mouse Anti-Human CD15 Antibody (Cat No. 567962/567963; right plot). The erythrocytes were lysed with BD FACS™ Lysing Solution (Cat. No. 349202). A bivariate pseudocolor density plot showing the correlated expression of CD15 (or Ig Isotype control staining) versus side light-scatter signals (SSC-A) was derived from gated events with the forward and side light-scatter characteristics of intact human leucocytes. Flow cytometry and data analysis were performed using a BD LSRFortessa™ X-20 Cell Analyzer System and FlowJo™ Software.

Clone 7C3.rMAB is available in the following formats:

| Material # | Material Description            |
|------------|---------------------------------|
| 567102     | Hu CD15 PE 7C3.RMAB 100 test    |
| 567103     | Hu CD15 PE 7C3.RMAB 25 test     |
| 567958     | Hu CD15 APC 7C3.RMAB 100 test   |
| 567959     | Hu CD15 APC 7C3.RMAB 25 test    |
| 567960     | Hu CD15 BV510 7C3.RMAB 100 test |
| 567961     | Hu CD15 BV510 7C3.RMAB 25 test  |
| 567962     | Hu CD15 BV605 7C3.RMAB 100 test |
| 567963     | Hu CD15 BV605 7C3.RMAB 25 test  |
| 752376     | Hu CD15 BV421 7C3.RMAB 50 µg    |
| 752377     | Hu CD15 BV650 7C3.RMAB 50 µg    |
| 752378     | Hu CD15 BV711 7C3.RMAB 50 µg    |
| 752379     | Hu CD15 BV786 7C3.RMAB 50 µg    |

For mass size reagents, proper titration protocols should be followed to determine the optimal reagent amount per test.

Please contact your BD representative if you have any further questions.

Sincerely,  
BD Biosciences Team

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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