Correction to: CD163+CD14+ macrophages, a potential immune biomarker for malignant pleural effusion

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Correction to: Cancer Immunol Immunother
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The paper “CD163+CD14+ macrophages, a potential immune biomarker for malignant pleural effusion (PMID: 25944005)” was published in Cancer Immunol Immunother at August 2015 online. After carefully re-checking the original files, we noticed that two issues should be explained and corrected as below.

1. In order to make the results of flow cytometry more consistent, we draw the gating lines manually (This hand-made method is widely recognized and accepted by other international journals), which resulting in two

different fluorescence intensities of CD14 in Fig. 1A. In addition, we deleted the non-specifically stained CD3+CD14+ cell population in Fig. 1A, which is caused by the larger scale of rectangular box (lower line, left side), gated for 7-AAD negative cell population (as for live cell population). However, these changes didn't affect the results and conclusions for this article. So we have corrected and updated this figure as below (Figure A), including presenting the same intensities of CD14 and reducing the rectangular box for 7-AAD negative cell population to further show an almost disappeared CD3+CD14+ cell population, based on the primary data which are provided to the editorial office.

2. In order to make the flow cytometry chart more consistent, we processed it manually, which reduced the resolution change of image, and further resulting in the different colors and shapes of dots in Fig. 3A. However, it didn't affect the original results and conclusions. So we have revised and updated the result of Fig. 3A (Figure B), based on the primary data which are provided to the editorial office.

The original article can be found online at <https://doi.org/10.1007/s00262-015-1701-9>.

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Figure A The updated flow cytometry of Fig. 1A in *Cancer Immunol Immunother* (PMID: 25944005)

Figure B The updated flow cytometry of Fig. 3A in *Cancer Immunol Immunother* (PMID: 25944005)

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