

## Anti-Mouse IL-6-167Er

**Catalog #:** 3167003B

**Package Size:** 100 tests

**Storage:** Store product at 4°C. Do not freeze.

**Cross Reactivity:** Mouse

**Clone:** MP5-20F3

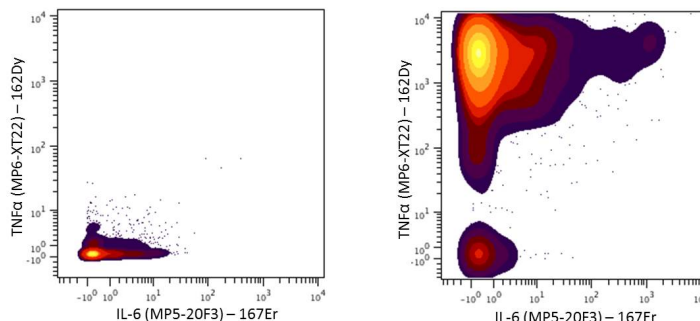
**Isotype:** Rat IgG1

**Formulation:** Antibody stabilizer with 0.05% Sodium Azide

### Technical Information

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF<sup>®</sup> analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to 3 X 10<sup>6</sup> live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Thioglycolate-induced peritoneal-exudate cells were either unstimulated (left) or stimulated overnight with LPS (right) and stained with 162Dy anti-TNFα (MP6-XT22) and 167Er anti-IL-6 (MP5-20F3). Viable monocytes are displayed in the analysis.

### Description

Interleukin-6 (IL-6) is a cytokine that is important in acute inflammatory responses, both pro-inflammatory and anti-inflammatory. IL-6 is expressed by activated T cells, B cells, monocytes, fibroblasts, hepatocytes, endothelial cells and keratinocytes.

### References

Bandura, D. R., et al. Mass Cytometry: Technique for Real Time Single Cell Multitarget Immunoassay Based on Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. *Analytical Chemistry* 81:6813-6822, 2009.

Ornatsky, O. I., et al. Highly multiparametric analysis by mass cytometry. *J Immunol Methods* 361 (1-2):1-20, 2010.

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