9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

17-4002: Monocyte Blocking Buffer

Application : FACS

Description

The reagent minimizes monocyte background in immunophenotyping procedures that involve the use of tandem dye monoclonal antibody conjugates.

Product Info

Amount :	1 ml
Content :	The content of the vial (1 ml) is sufficient for 100 staining reactions. The solution is ready to use.
Storage condition :	Store at 2-8 °C. Avoid prolonged exposure to light. The shelf life after the first opening is not different from the shelf life of an unopened product.

Application Note

Use 10 µl per 100 µl of blood sample (cell suspension).

1. Pipette your monoclonal antibodies into the staining tube.
2. Add Monocyte Blocking Buffer.
3. Add blood sample (cell suspension), mix.
4. Continue according to your staining protocol.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

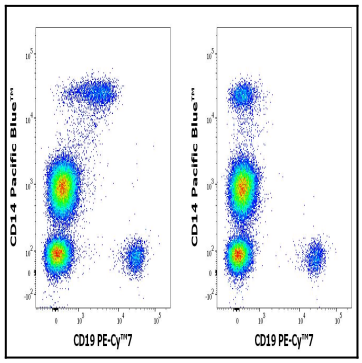

Figure 1: Flow cytometry multicolor surface staining patterns of human leukocytes stained using anti-human CD19 (LT19) PE-Cy™7 antibody and anti-human CD14 (MEM-15) Pacific Blue™ antibody. The picture on the left shows staining pattern without the use of Monocyte Blocking Buffer. The picture on the right shows staining pattern with the use of Monocyte Blocking Buffer. Only non-specific binding of tandem fluorochromes to monocytes is affected, specific binding of monocyte-marker CD14 is not affected by the use of Monocyte Blocking Buffer.

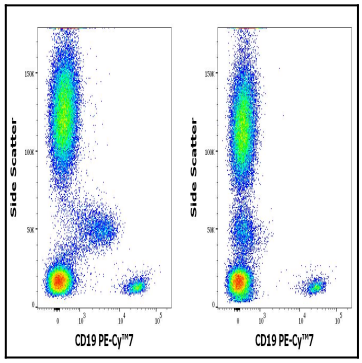

Figure 2: Flow Cytometry surface staining patterns of human peripheral whole blood stained using anti-human CD19 (LT19) PE-Cy™7 antibody.The picture on the left shows staining pattern without the use of Monocyte Blocking Buffer. The picture on the right shows staining pattern with the use of Monocyte Blocking Buffer.