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FITC Plus Anti-Human CD14 (26IC)

Product Number: ATB0037

Shipping and Storage

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment. Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA, pH7.3.

Component

Component	ATB0037-25T	ATB0037-100T
FITC Plus Anti-Human CD14 (26IC)	25T	100T

Description

CD14 is a 50-55kDa glycosylphosphatidylinositol-anchored glycoprotein preferentially expressed on monocytes and macrophages, and at lower levels on granulocytes . CD14 can also exist as a soluble protein. CD14 acts as a co-receptor for bacterial liposaccharides (LPS) . It plays a major role in the inflammatory response of monocytes to LPS.

Basic Information

1. Concentration: 100tests, 5μL/test
2. Source: Mouse
3. Isotype: IgG2b
4. GenBank Accession Number: BC010507
5. GeneID (NCBI): 929
6. ENSEMBL Gene ID: ENSG00000170458
7. UNIPROT ID: P08571
8. Full Name: CD14 molecule
9. Calculated MW: 375 aa, 40 kDa
10. Purification Method: Affinity purification
11. CloneNo.: 26IC
12. Recommended Dilutions:FC: 5μL per 10^6 cells in 100μL suspension
13. Excitation/Emission maxima wavelengths: 495nm / 524nm.

Application

1. Tested Applications: FC
2. Cited Applications: IF, FC
3. Species Specificity: human
4. Cited Species: human
5. Positive Controls: FC : human PBMCs

Selected Validation Data

1X10^6 human PBMCs were surface stained with 5μL FITC Plus Anti-Human CD14 (red) or unstained. Cells were not fixed. Monocytes were gated.

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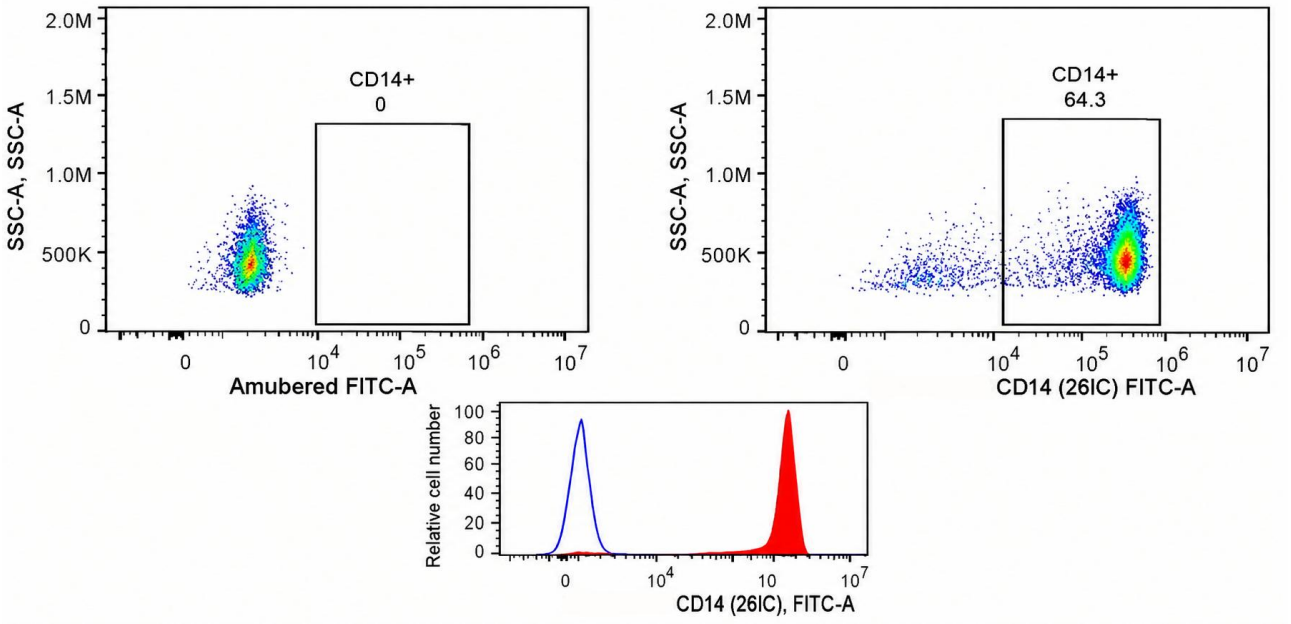
CD14+
0
SSC-A, SSC-A
Amubered FITC-A
CD14+
64.3
CD14 (26IC) FITC-A
Relative cell number
CD14 (26IC), FITC-A