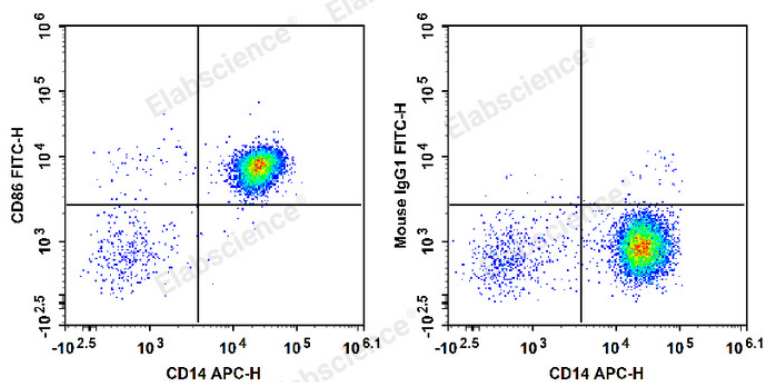


Product name:	FITC Anti-Human CD86 Antibody[BU63]
Cat number:	MAB1012C
Conjugate:	FITC
Size:	100 tests
Clone:	BU63
Host:	Mouse
Isotype:	Mouse IgG1, κ
Reactivity:	Human
Applications:	FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Molecular Weight:	80 kD
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Storage:	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Background:	CD86 is an 80 kD immunoglobulin superfamily member also known as B7-2, B70, and Ly-58. CD86 is expressed on activated B and T cells, monocytes/macrophages, dendritic cells, and astrocytes. CD86, along with CD80, is the ligand of CD28 and CD152 (CTLA-4). CD86 is expressed earlier in the immune response than CD80. CD86 has also been shown to be involved in immunoglobulin class-switching and triggering of NK cell-mediated cytotoxicity. CD86 binds to CD28 to transduce costimulatory signals for T cell activation, proliferation, and cytokine production. CD86 can bind to CD152 as well, also known as CTLA-4, to deliver an inhibitory signal to T cells.



Staining of normal human peripheral blood cells with Anti-Human CD14 APC and Anti-Human CD86 FITC (left) or Mouse IgG1, κ Isotype Control FITC (right). Cells in the monocyte gate were used for analysis.