

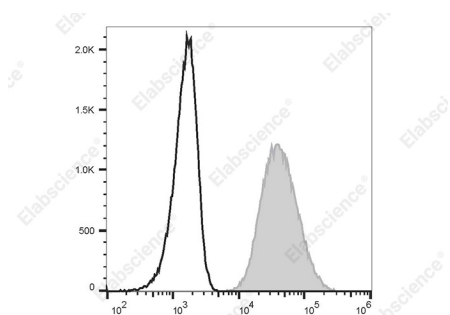


Product name:	PE Anti-Human CD80 Antibody[2F4]
Cat number:	MAB1365D
Conjugate:	PE
Size:	100 ug
Clone:	2F4
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1, κ
Reactivity:	Human
Applications:	FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent 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:	60 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.
Synonyms:	B7-1;B7;BB1
Source:	Mouse
Background:	CD80, also known as B7-1, B7, and BB1, is a 60 kD single chain type I glycoprotein belonging to the immunoglobulin superfamily. CD80 is expressed on activated B and T cells, macrophages, and dendritic cells. CD80 binds to CD28 and CD152 (CTLA-4). Along with CD86, CD80 plays a critical role in regulation of T cell activation. The interaction of CD80 with CD28 provides a potent costimulatory signal for T cell activation through the CD3 complex, while its interaction with CTLA-4 provides an inhibitory signal for T cell activation.

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Staining of the Raji cell line with PE Anti-Human CD80 Antibody[2F4] (filled gray histogram) or PE Mouse IgG1, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

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