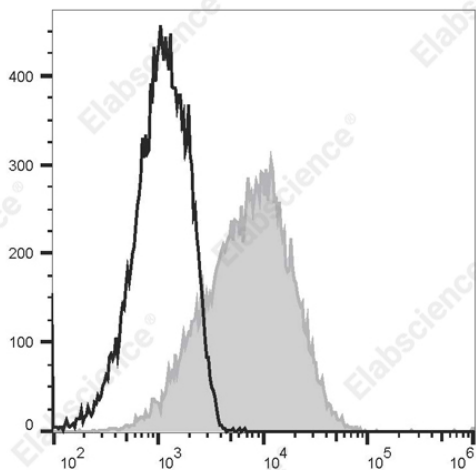

Product name:	PE/Cyanine7 Anti-Human CD83 Antibody[HB15e]
Cat number:	MAB0993H
Conjugate:	PE/Cyanine 7
Size:	100Tests
Clone:	HB15e
Concentration:	5 µL/Test
Host:	Mouse
Isotype:	Mouse IgG1, κ
Reactivity:	Human
Applications:	FCM - Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Storage:	This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Background:	CD83 is a 43 kD single chain type I glycoprotein also known as HB15. A member of the immunoglobulin superfamily, CD83 is expressed on a subset of dendritic cells, Langerhans cells, and weakly on activated lymphocytes. Although CD83 is thought to play a role in antigen presentation and/or lymphocyte activation, the precise function of this protein is unknown. CD83 is considered to be a useful marker for mature dendritic cells.



PMA and ionomycin-stimulated (4h) Jurkat cells are stained with PE/Cyanine7 Anti-Human CD83 Antibody[HB15e] (filled gray histogram) or PE/Cyanine7 Mouse IgG1, κ Isotype Control (empty black histogram).