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Datasheet for ABIN7536959
anti-CD101 antibody (PE-Cy7)

Overview

Quantity:	100 tests
Target:	CD101
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD101 antibody is conjugated to PE-Cy7
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	PE/Cyanine7 Anti-Human CD101 Antibody [BB27]
Clone:	BB27
Isotype:	IgG1, kappa
Purification:	Purified

Target Details

Target:	CD101
Alternative Name:	CD101 (CD101 Products)
Background:	CD101,V7,P126,CD101 is a type I transmembrane glycoprotein, known as V7, and P126. It is a 120 kD homodimer, the member of EWI family within Ig superfamily. CD101 is found on monocytes, granulocytes, dendritic cells, a subpopulation of peripheral blood T cells and activated T cells. It has been reported that CD101 expressing Tregs posses higher inhibitory

Target Details

function. The biological function of CD101 is still not clear. But it has been found that BB27 antibody is able to inhibit T cell proliferative responses and this inhibitory function can be overcome by high doses of IL-2. Activation of CD101 on dendritic cells is able to induce IL-10 production.

UniProt: [Q93033](#)

Application Details

Application Notes: Each lot of this antibody is quality control tested by immunofluorescent staining with 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.

Comment: Control: (ABIN7469764)

Restrictions: For Research Use only

Handling

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09 % stabilizer and 1 % protein protectant.

Storage: 4 °C

Storage Comment: This product can be stored at 2-8°C for 12 months. Do not freeze.

Expiry Date: 12 months