

Datasheet for ABIN2658427
anti-CD101 antibody (APC)



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1 Image

Overview

Quantity:	25 tests
Target:	CD101
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD101 antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Clone:	BB27
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography, and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

Target Details

Target:	CD101
Alternative Name:	CD101 (CD101 Products)
Background:	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 function. The

Target Details

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.

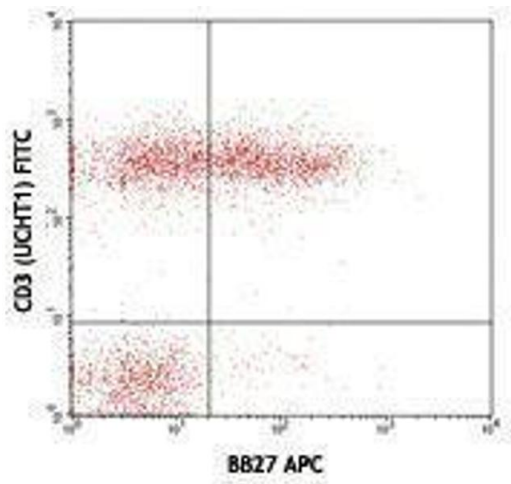
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.