Datasheet for ABIN2662757

anti-IL16 antibody (AA 615-630) (PE)

2 Images

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Overview

Quantity:	100 tests
Target:	IL16
Binding Specificity:	AA 615-630
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL16 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	AA 615-630 (RRKSLQSKETTAAGDS) of IL-16
Clone:	14-1
Isotype:	IgG2a
Cross-Reactivity:	Mouse (Murine)
Purification:	The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Target Details

Target:	IL16
Alternative Name:	IL-16 (IL16 Products)

Target Details

Background:	Interleukin-16 is a proinflammatory cytokine synthesized as a 68 kD precursor molecule (pro-IL-16). After cleavage of pro-IL-16 by caspase-3, IL-16 is released as a 12 kD protein, but its biologic activities are exerted by a tetramer. IL-16 is a chemoattractant for CD4+ T cells, monocytes, and eosinophils. On T cells, IL-16 upregulates CD25 and class II expression, and also inhibits HIV-1 replication in vitro by repressing the transcription of the HIV-1 long terminal repeat. IL-16 is expressed by lymphocytes, macrophages, eosinophils, mast cells, epithelial cells, and fibroblasts. CD4 and CD9 are the receptors of IL-16.

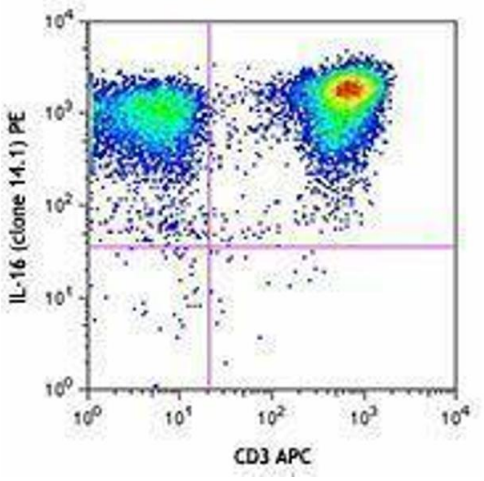
Application Details

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

Handling

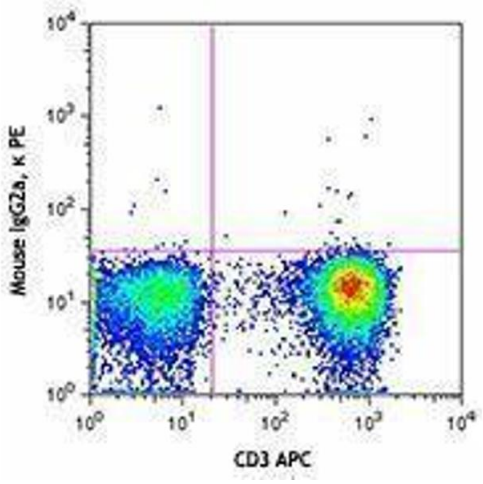
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged 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.



Flow Cytometry

Image 2.