

Datasheet for ABIN2663784

anti-IL-22 antibody (AA 34-179) (PE)[Go to Product page](#)**2** Images

Overview

Quantity:	100 tests
Target:	IL-22 (IL22)
Binding Specificity:	AA 34-179
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL-22 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	AA 34-179 (Accession# NM_016971), was expressed in E. coli.
Clone:	Poly5164
Isotype:	IgG
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:	IL-22 (IL22)
Alternative Name:	IL-22 (IL22 Products)
Background:	IL-22 is a cytokine structurally related to IL-10. Mouse IL-22 consists of 179 amino acids and

Target Details

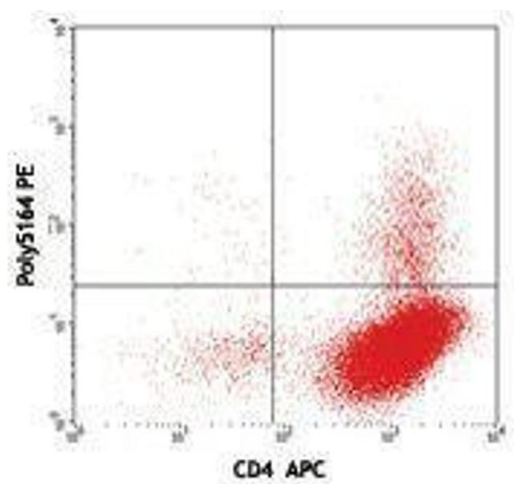
has a predicted molecular weight of 20 kD. It is secreted primarily by Th17, Th1, Th2, lymphoid tissue inducer cells (LTi), and subsets of natural killer cells. It has been reported that aryl hydrocarbon receptor (AhR) expression is essential for the production of IL-22 by TCR $\gamma\delta$ T cells. AhR activation increases Th17 polarization and induces IL-22 production. IL-22 functions by engaging the heterodimeric IL-22 receptor (IL-22R) complex, consisting of two receptor subunits, IL-22R1 and IL-10R β . IL-22 acts on nonhematopoietic tissue cells, such as epithelial cells of the digestive and respiratory systems and keratinocytes of the skin. IL-22 is involved in inflammatory processes such as dermal inflammation, psoriasis, inflammatory bowel disease, hepatitis, and Crohn's disease. Moreover, it plays a critical role in mucosal immunity and the wound healing process.

Application Details

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

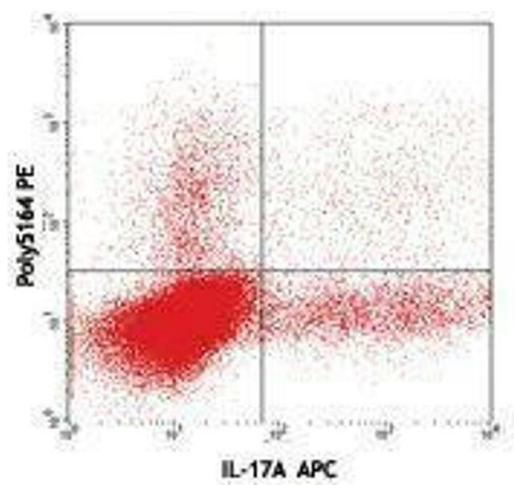
Handling

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.



Flow Cytometry

Image 1.



Flow Cytometry

Image 2.