Datasheet for ABIN2657540

anti-IL17F antibody (Alexa Fluor 488)

2 Images

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Overview

Quantity:	100 tests
Target:	IL17F
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL17F antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB)

Product Details

Clone:	Poly5166
Isotype:	Ig Fraction
Purification:	The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 488 under optimal conditions.

Target Details

Target:	IL17F
Alternative Name:	IL-17F (IL17F Products)
Background:	IL-17F is part of the IL-17 cytokine family which consists of at least seven structurally related proteins (IL-17A, B, C, D, E, F, and A/F). IL-17F homodimer adopts a cysteine knot motif formed through the interactions of four cysteines, one of which is responsible for inter-chain bonding. IL-17F is most closely related to IL-17A, sharing 50 % amino acid sequence homology. It is

Target Details

	expressed by Th17 cells, along with IL-17A homodimer and IL-17A/F heterodimer. IL-17F has been shown to inhibit endothelial cell angiogenesis and induce increased production of IL-2, TGF-β, and MCP-1, playing a critical role in the regulation of inflammatory reactions.
Pathways:	Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Endopeptidase Activity

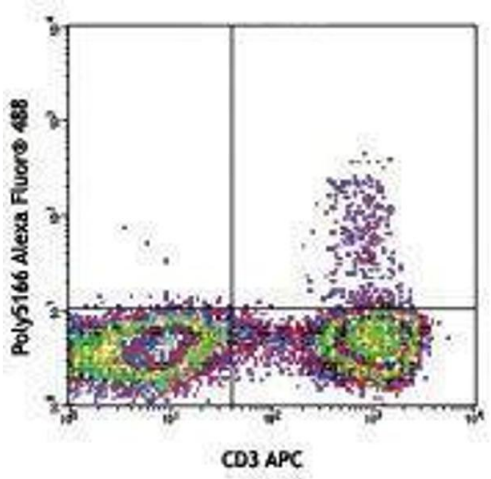
Application Details

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

Handling

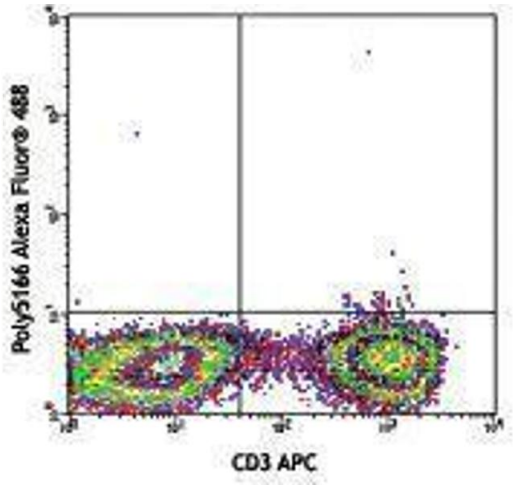
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged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