Datasheet for ABIN2657542

anti-IL17F antibody (Alexa Fluor 488)

2 Images

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Overview

Quantity:	100 µg
Target:	IL17F
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL17F antibody is conjugated to Alexa Fluor 488
Application:	Flow Cytometry (FACS)

Product Details

Clone:	9D3-1C8
Isotype:	IgG1 kappa
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:	Interleukin 17F (IL-17F) is a 37 kD IL-17 family member. The IL-17 family consists of six members including IL-17 (also called IL-17A), IL-17B, IL-17C, IL-17D, IL-17E (also called IL-25), and IL-17F. IL-17F shares the strongest similarity to IL-17A and forms a homodimer or heterodimer with IL-17A. It is produced by Th17 cells, mast cells, basophils, and epithelial cells.

Target Details

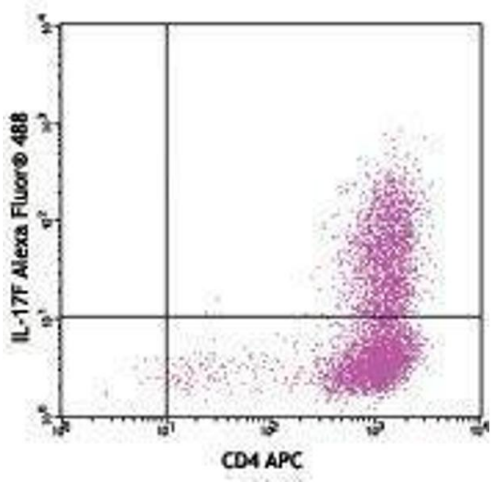
	IL-17F is an important regulator of inflammatory responses. It is involved in host defense against mucoepithelial infection by Staphylococcus aureus and Citrobacter rodentium. Over expression of IL-17F gene in the airway of mice is associated with airway neutrophilia, the induction of many cytokines, an increase in airway hyperreactivity, and mucus hyper-secretion. IL-17F is also involved in cancer immunity and autoimmune responses. IL-17F, like IL-17A, depends on IL-17R for its signaling in vitro and in vivo. P38 MAPK, ERK1/2, Act1 (NF-KB activator protein 1), and TRAF6 are involved in IL-17F signaling.
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

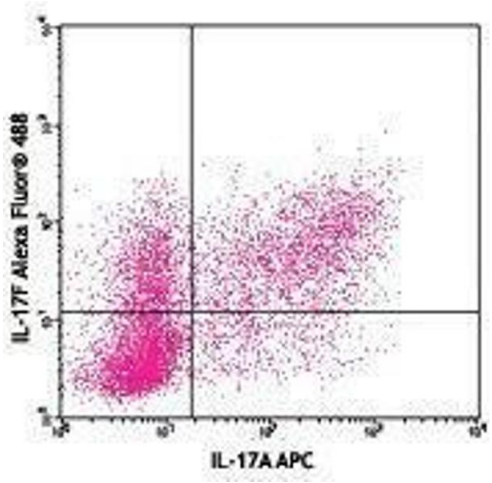
Handling

Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
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.