FITC Anti-Human IL-17A Antibody[BL168]

Catalog No.	E-AB-F1173C	**Reactivity**	Human
Storage	Store at 2~8℃, Avoid freeze / thaw cycles	**Applications**	ICFCM

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Antigen Information

Alternate Names	CTLA8, IL17,CTLA-8,IL 17A
Uniprot ID	Q16552
Background	IL-17A is the founding member of the IL-17 family, a group of six structurally related pro-inflammatory cytokines. IL-17A, secreted by activated CD4+ Th17 cell subpopulation, elicits multiple biological activities on a variety of cells including: the induction of IL-6, IL-8, G-CSF, and PGE2 production in epithelial, endothelial or fibroblasts; the enhancement of surface expression of ICAM-1 in fibroblasts; activation of NF-κB and costimulation of T cell proliferation. Recent studies demonstrated that, in mice, activated IL-17-secreting CD4+ helper T cells (Th17 cells) mediate an autoimmune arthritis that clinically and immunologically resembles rheumatoid arthritis (RA). Human IL-17A shows 63%, 63%, and 72% amino acid sequence identity to rat IL-17A, mouse IL-17A, and a protein encoded by the ORF13 gene of herpesvirus Saimiri (HVS), respectively.

Product Details

Form	Liquid
Size	20Tests/100Tests/100Tests×2
Clone No.	BL168
Host	Mouse
Isotype	Mouse IgG1, κ
Reactivity	Human
Application	ICFCM
Isotype Control	FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C]
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping	Biological ice pack at 4 ℃
Stability & Storage	Keep as concentrated solution. Store at 2~8℃ and protected from prolonged exposure to light.Do not freeze. This product is guaranteed up to one year from purchase.

Fluorophore

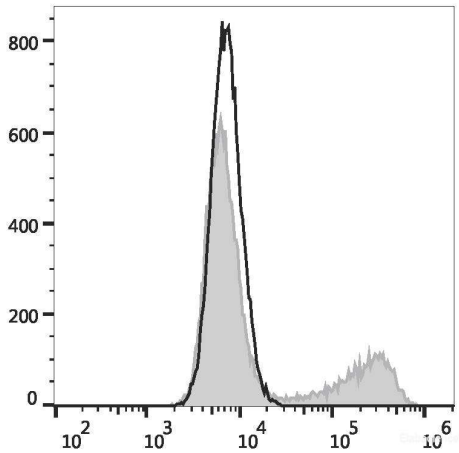
Conjugation: FITC

FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Product data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Human IL-17A gene are stained with FITC Anti-Human IL-17A Antibody (filled gray histogram) or FITC Mouse IgG1, κ lsotype Control (empty black histogram).

Related Information

1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
2. Staining Intracellular Antigens for Flow Cytometry https://www.elabscience.com/List-detail-5570.html
3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html