

LE/AF Purified Anti-Mouse IL-17A Monoclonal Antibody

天津三箭生物技术股份有限公司
Tianjin Sungene Biotech Co., Ltd.
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M100I17-14B	50 µg
M100I17-14E	500 µg
M100I17-14F	1 mg

Market | 400-621-0003
marketing@sungenebiotech.com

Support | 022-66211636-8024
techsupport@sungenebiotech.com

Web | www.sungenebiotech.com

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

Purified Antibody Characterization

Clone	Isotype	Reactivity
17F3	Mouse IgG1	Mouse

Description

IL-17A is a cystine-linked homodimeric pro-inflammatory cytokine produced by TH17 cells, a distinct CD4⁺ T cell lineage. IL-17A stimulates the production of the pro-inflammatory cytokines IL-1 β , TNF α , and IL-6. IL-17A also induces production of the neutrophil chemoattractants IL-8, CXCL1, and CXCL6 thereby bridging adaptive and innate immunity. IL-17A is intimately involved in mucosal immunity against bacterial infections and has a putative role in some autoimmune disorders. IL-17A effects appear to be exerted primarily through binding to the IL-17RA. IL-17A binding induces production of cytokines, chemokines and other proteins through activation of the ERK1/2 MAP kinase, PI3K/Akt, p38, and NF- κ B pathways. Phosphorylation of some Jaks and Stats has been observed.

Product Information

Production Method: Stirred tank fermentation

Medium: Hybridoma-SFM + 1%FCS + Gln + Gluc + P/S

Purification Method: Protein G

Concentration: 1 mg/ml

Endotoxin: < 2.00 EU/mg (LAL)

Purity: >95% (by SDS-PAGE)

Sterile: 0.2 µm Filtration

Formulated: PBS, pH7.2

Storage: Keep as concentrated solution. Store at 4°C as an undiluted liquid. For extended storage aliquot contents and freeze at -20°C or lower. Avoid cycles of freezing and thawing.

For Research Use Only.