



Human Anti-Human IL17A (Secukinumab) Monoclonal Antibody, clone Secukinumab [Biosimilar] (CABT-Z694H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects human IL17A. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Secukinumab.
Immunogen	Human IL17A.
Isotype	IgG1, κ
Source/Host	Human
Species Reactivity	Human
Clone	Secukinumab
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level \leq 0.75 EU/mg as determined by the LAL method

Preservative	None
Storage	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction Interleukin-17 (IL-17) is a 155 amino acid protein that is a disulfide linked, homodimeric, secreted glycoprotein with one N-linked glycosylation site. IL-17 is also referred to as IL-17A. Other members include IL-17B, IL-17C, IL-17D, IL-17E and IL-17F. IL-17 binds to the cell surface receptor IL-17R. IL-17 is secreted by a subset of T cells called T-helper 17 (Th-17) cells. IL-23 is thought to mediate the production of IL-17 by Th-17 cells. Secukinumab is a recombinant human monoclonal IgG1/k antibody that binds specifically to IL-17A. It is expressed in a recombinant Chinese Hamster Ovary (CHO) cell line.

Keywords IL17; CTLA8; IL-17; IL-17A

GENE INFORMATION

Gene Name	IL17A
Entrez Gene ID	3605
UniProt ID	Q16552