



Mouse Anti-Secukinumab monoclonal antibody, clone 34F22 (CABT-ZB252)

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

PRODUCT INFORMATION

Product Overview	CABT-ZB252 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Secukinumab.
Specificity	The product is specific for Secukinumab (Cosentyx).
Target	Secukinumab
Immunogen	Secukinumab
Isotype	IgG1, κ
Source/Host	Mouse
Clone	34F22
Purification	Protein A purified
Conjugate	Unconjugated
Applications	Suitable for use in PK bridging ELISA. We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB251 - CABT-ZB252 Recommended Working Concentration: 0.005-0.1 µg/ml
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/mL.
Format	Purified, Lyophilized.
Size	40 µg

Buffer	Lyophilized with PBS, pH 7.2, contains 0.02% sodium azide.
Preservative	0.02% sodium azide
Storage	The lyophilized product remains stable up to 1 year at -20 °C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Secukinumab with brand name Cosentyx, is a human IgG1k monoclonal antibody that binds to the protein interleukin (IL)-17A, and is marketed by Novartis for the treatment of psoriasis, ankylosing spondylitis, and psoriatic arthritis. Secukinumab inhibits a member of the cytokine family, interleukin 17A, which is produced mainly by inflammatory T helper 17 cells. IL17A is upregulated in serum of people with psoriasis and in the synovial fluid of people with psoriatic arthritis, and promotes inflammation when it binds to the interleukin-17 receptor.
Keywords	Mouse monoclonal antibody to Secukinumab/Cosentyx; AIN 457; Cosentyx; Secukinumab

GENE INFORMATION

Synonyms	Mouse monoclonal antibody to Secukinumab/Cosentyx; AIN 457; Cosentyx; Secukinumab
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