

DESCRIPTION

Species Reactivity	Human
Source	Monoclonal Human IgG ₁ Clone # Hu71
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human IL-17/IL-17A
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

ELISA Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Secukinumab is a humanized monoclonal IgG1/k antibody against proinflammatory cytokine IL-17A, and is approved for the treatment of plaque psoriasis, as well as enthesitis-related arthritis, and ankylosing spondylitis. Secukinumab binds to IL-17A with high specificity preventing the interaction with the IL-17 receptor and subsequent activation of the pathway leading to inflammation seen in these disease states. Data has shown that in the presence of secukinumab results in enhanced levels of free unbound IL-17A in the serum indicating inhibition of binding to IL-17A receptor resulting in reduced inflammation.

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