IL17RA (DM126) RABBIT MAB

Cat.#: 28471

Product Name: Anti-IL17RA(DM126) Rabbit Monoclonal Antibody

Synonyms: CD217;CDw217;IL-17RA;IL17R;CANDF5;hIL-17R

Description: Anti-IL17RA antibody(DM126) Rabbit Monoclonal Antibody

Background: Interleukin 17A (IL-17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The transmembrane protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors; this receptor likely has a multimeric structure. Alternative splicing results in multiple transcript variants encoding different isoforms.

Applications: ELISA; Flow Cyt

Recommended Dilutions: ELISA 1:5000-10000; Flow Cyt 1:100

Host Species: Rabbit

Isotype: Rabbit IgG

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human IL17RA

Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

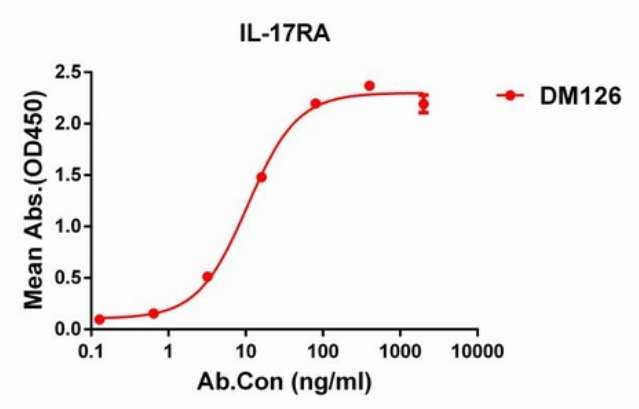

Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human IL-17RA protein, His tagged protein 11279 can bind Rabbit anti-IL-17RA monoclonal antibody (clone: DM126) in a linear range of 0. 3-15 ng/ml.

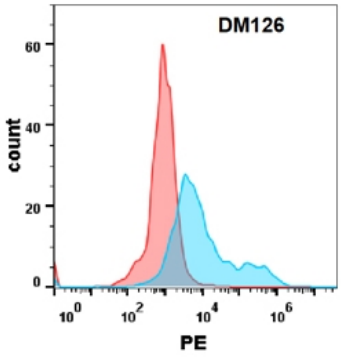

Figure 2. Flow cytometry analysis with Anti-IL-17RA (DM126) on Expi293 cells transfected with human IL17RA(Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).