



Anti-Interleukin 17, Chicken-Polyclonal Antibody

Catalog No. PY-10007

Antigen species: Human

Host species: Chicken

Quantity: 100 μ g

Reactivity: Human, Bovine, Pig

Form: Antigen affinity purified antibody

Applications tested: ELISA

Target description

This protein is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL-6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

Antigen

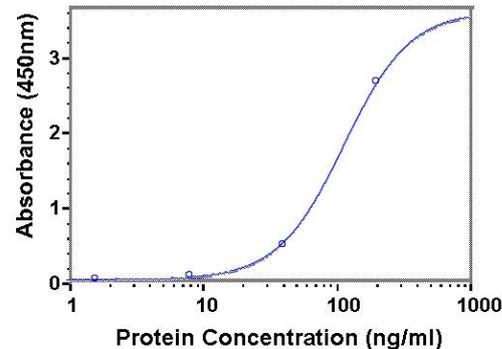
This polyclonal antibody was raised by immunizing chicken with IL-17 recombinant protein (20-155 amino acids).

Application

Western blotting, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining is 1:200, and for ELISA is 1 μ g/ml. Optimal working dilutions must be determined by the end user.

Related Products

1. Anti-Interleukin-1 beta, pAb (PY-10003)
2. Anti-Interleukin-8, pAb (PY-10004)
3. Anti-Interleukin-10, pAb (PY-10005)
4. Anti-Interleukin-16, pAb (PY-10006)
5. Anti- Interleukin-20 short form, mAb (GB-52020)



Recombinant protein as test antigen.

Direct ELISA:

Affinity-Purified anti-IL-17 IgY as primary antibody (1 μ g/ml), and Goat anti-IgY-HRP as 2nd antibody.

Storage

It is supplied as antigen affinity purified antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1mg/ml (1 \times PBS). Store at 4 $^{\circ}$ C for short-term application. For long-term storage, aliquot and store at -20 $^{\circ}$ C.

References:

1. Nakae, S.; Saijo, S.; Horai, R.; Sudo, K.; Mori, S.; Iwakura, Y. : IL-17 production from activated T cells is required for the spontaneous development of destructive arthritis in mice deficient in IL-1 receptor antagonist. *Proc. Nat. Acad. Sci.* 100: 5986-5990, 2003.

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