



Anti-Human Tumor Necrosis Factor alpha (TNF α), Chicken-Polyclonal Antibody

Catalog No. PY-10001

Quantity: 100 μ g

Applications tested: ELISA

Antigen species: Human

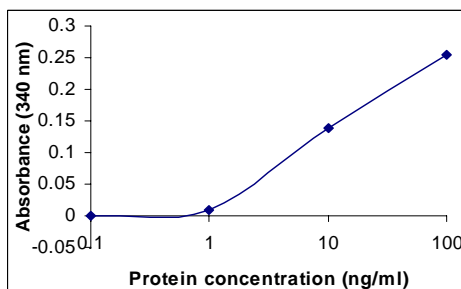
Reactivity: Human

Host species: Chicken

Form: Antigen affinity purified antibody

Target description

Human tumor necrosis factor-alpha, TNF α activates a variety of immune defense mechanisms by interaction with polymorphonuclear leukocytes, T cells, antibody-producing B lymphocytes, fibroblasts, and hematopoietic bone marrow cells. Activity is not species-specific, induces apoptosis in human blood and bone marrow neutrophils and in endothelial cells. M.W: 17,500.



Recombinant protein as test antigen.

Antigen

This polyclonal antibody was raised by immunizing chicken with TNF recombinant protein (77-233 amino acids).

Application

ELISA, Western blotting, tissue or cell immuno-staining.

Recommended starting dilution for Western blot analysis is 1: 500, for tissue or cell staining is 1: 200. 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-17, pAb (PY-10007)

Direct ELISA Test:

Affinity-Purified anti-TNF- α , IgY as 1st antibody (0.1 μ g/ml), and Rabbit 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°C for short-term application. For long-term storage, aliquot and store at -20°C.

References:

1. Pennica, D. *et al.* Human tumor necrosis factor: precursor structure, expression and homology to lymphotoxin. *Nature* 312 (5996), 724-729 (1984).

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