



Anti-Interleukin 1 beta, Chicken-Polyclonal Antibody

Catalog No. PY-10003

Antigen species: Human

Host species: Chicken

Quantity: 100 μ g

Reactivity: Human

Form: Antigen affinity purified antibody

Applications tested: ELISA

Target description

Major form of IL-1 secreted by monocytes and macrophages. Induces nitric oxide synthase in pancreatic and smooth muscle cells and suppresses apoptosis in rat ovarian follicles. Involved in inflammatory and immune responses and promotes wound healing. M.W: 17,000

Antigen

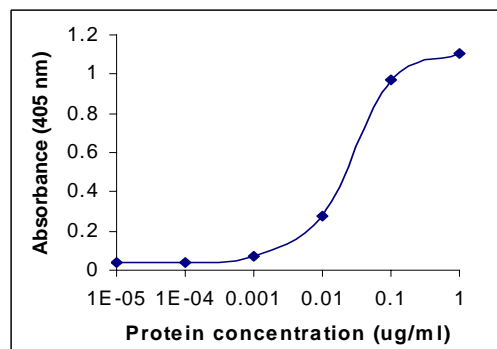
This polyclonal antibody was raised by immunizing chicken with IL-1 recombinant protein (118-269 amino acids).

Application

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

Related Products

1. Anti-Interleukin-8, pAb (PY-10004)
2. Anti-Interleukin-10, pAb (PY-10005)
3. Anti-Interleukin-16, pAb (PY-10006)
4. Anti-Interleukin-17, pAb (PY-10007)
5. Anti- Interleukin-20 short form, mAb (GB-52020)



Recombinant protein as test antigen.

Direct ELISA:

Affinity-purified anti-IL-1B IgY as primary antibody (0.2ug/ml) and Rabbit anti-IgY-HRP as 2nd Ab.

Storage

It is supplied as antigen affinity purified antibody/ PBS buffer in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1mg/mL. Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.

References:

1. Nicklin MJ, Weith A and Duff GW. A physical map of the region encompassing the human interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist genes Genomics 19 (2), 382-384 (1994) MEDLINE 94245215 PUBMED 8188271

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