



## Anti-Interleukin 8, Chicken-Polyclonal Antibody

**Catalog No.** PY-10004

**Antigen species:** Human

**Host species:** Chicken

**Quantity:** 100 $\mu$ g

**Reactivity:** Human

**Form:** Antigen affinity purified antibody

**Applications tested:** ELISA

### Target description

IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus.

### Antigen

This polyclonal antibody was raised by immunizing chicken with IL-8 recombinant protein (28-99 amino acids).

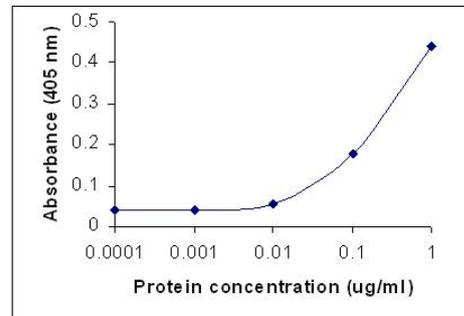
### Application

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

The recommend concentration for ELISA is 0.5-1 $\mu$ 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-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-8 IgY as primary antibody (0.2 $\mu$ 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. Baldwin, E. T.*et al.* Crystallization of human interleukin-8. A protein chemotactic for neutrophils and T-lymphocytes. *J. Biol. Chem.* 265 (12), 6851-6853 (1990)

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