



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

2355 Derry Road East, Unit 23, Mississauga, ON L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

### **Chicken anti-human Interleukin-8 (IL-8) (IgY fraction) Polyclonal Antibody Datasheet**

<b>Catalogue No</b>	AI60001
<b>Product name</b>	Chicken anti-human Interleukin-8 (IL-8) (IgY fraction) polyclonal antibody
<b>Product type</b>	Primary antibodies
<b>Description</b>	Chicken was immunized with purified recombinant human Interleukin-8 (IL-8). The eggs were collected from the immunized chicken and the egg yolk IgY was purified
<b>Target protein</b>	Human Interleukin-8 (IL-8)
<b>Immunogen</b>	Highly purified recombinant human Interleukin-8 (IL-8)
<b>Specificity</b>	This antibody recognizes human Interleukin-8 (IL-8)
<b>Reactivity</b>	Human, others not tested
<b>Cross Reactivity</b>	This polyclonal antibody exhibits no detectable cross-reactivity with human serum albumin, bovine serum albumin, and other cytokines tested such as IL-1B, IL-16, TNF- $\alpha$ , GM-CSF, MCSF, bFGF and MIP-1a
<b>Clonality</b>	Polyclonal
<b>Source</b>	Chicken
<b>Formulation</b>	Liquid Buffer: PBS, pH7.3, no preservatives
<b>Applications</b>	<p>ELISA: Approximately 0.1ug/well of rhIL-8 can be detected using this polyclonal antibody at a concentration of 2.6ng/ml</p> <p>WESTERN BLOT: Polyclonal antibody concentration of 260ng/ml will allow visualization of approximately 5 ug/lane of rhIL-8</p> <p>Neutralizing activity: Total chicken IgY fraction at the concentration of 50 ug/ml showed 60% inhibition of 10ng/ml IL-8 induced IL8RB/293 cell migration</p>
<b>Storage</b>	Store at -20° C
<b>Research</b>	Cytokine
<b>References</b>	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administration to humans and animals for use in diagnostic and therapeutic procedures.**

**Manufactured by ANOGEN - A Division of YES Biotech Laboratories Limited**