



## Rabbit Anti Human Growth Regulated $\alpha$ Protein (GRO- $\alpha$ ) IgG

### Product Information

Code	A00427-01-100
Name	Rabbit Anti GRO- $\alpha$ (H) IgG
Clone No.	Polyclonal
Lot No.	
Size	100 $\mu$ g
Species	Human
Host	Rabbit
Immunogen	Human GRO- $\alpha$
Ab Type	IgG
Purification	Protein A
Formulation	Lyophilized Form without Preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human, rat
Reconstitution	PBS, 100 $\mu$ l
Application	IHC, WB ELISA

### PREPARATION

This antibody was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant mature form of GRO- $\alpha$  (Human). That IgG was purified by Protein A affinity

### FORMULATION

100  $\mu$ g of Rabbit Anti GRO- $\alpha$  (Human) purified IgG in 100  $\mu$ l of PBS without preservatives was lyophilized.

### RECONSTITUTION

Add 100  $\mu$ l of PBS to the vial to prepare antibody stock solution at 100  $\mu$ g/100  $\mu$ l. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted ( by 10  $\mu$ l per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for up six months without detectable loss of activity.

### STORAGE

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ~ -70 ° C for 12 months. **Avoid repeated freeze-thaw cycles.**

### SPECIFICITY

This antibody has been selected for its ability to recognize human GRO- $\alpha$  in indirect ELISAS , Western Blot and immunohistochemistry.

### APPLICATIONS

**Indirect ELISA** - This antibody can be used at 1:8000 (0.125  $\mu$ g/ml) to detect recombinant human GRO- $\alpha$  on indirect ELISA.

**Western blot** - This antibody can be used at 2~4  $\mu$ g/mL to detect recombinant human GRO- $\alpha$  or rat heart tissues homogenates under reduce condition.

**Immunohistochemistry**- That antibody can be used at 2~4  $\mu$ g/ml to detect GRO- $\alpha$  in paraffin embedded human heart tissues and human breast cancer tissues (ABC).

*Optimal dilutions should be determined by each laboratory for each application.*