# AVISCERA BIOSCIENCE

# Rabbit Anti-Human IL-1α IgG

| Product Information | |
|---|---|
| Code | A00742-01-100 |
| Name | Anti IL-1α IgG |
| Clone No. | N/A |
| Lot No. | |
| Size | 100 µg |
| Species | Human |
| Host | Rabbit |
| Immunogen | IL-1α rec. |
| Ab Type | IgG |
| Purification | Protein A |
| Formulation | lyophilized Form without preservatives |
| Carry | free |
| Storage | -20 ° C |
| Specificity | Human |
| Reconstitution | PBS, 100 µl |
| Application | IHC, WB |
| | ELISA |

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**PREPARATION**
This antibody was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant human IL-1α. That IgG was purified by Protein A affinity

**FORMULATION**
100 µg of purified Anti Human IL-1α IgG in PBS without preservatives was lyophilized.

**RECONSTITUTION**
Add 100 µl of PBS to the vial to prepare antibody stock solution at 100 µg/100 µl. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted ( by 10 µL 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 ° C for six months. **Avoid repeated freeze-thaw cycles.**

**SPECIFICITY**
This antibody has been selected for its ability to recognize human IL-1α in direct ELISA, western blot and immunohistochemistry.

**APPLICATIONS**
**Indirect ELISA -** This antibody can be used at 1: 8000 (0.125 µg /mL) with the appropriate secondary reagents to detect human IL-1α on indirect ELISA.

**Immunohistochemistry-**That Antibody can be used at 2-4 µg /mL with the appropriate secondary antibody to detect IL-1α in the paraffin embedded human lung tissues (ABC).

**Western Blot-**mouse heart tissue homogenates can be detected by this antibody at 2µg/ml on western blot under reduce condition.

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