

## IL-1 $\alpha$ /IL-1F1 Monoclonal Antibody(Detector)

**catalog number: AN001820P**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

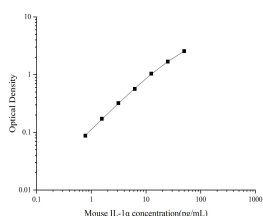
### Description

<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse IL-1 $\alpha$ /IL-1F1 protein expressed by E.coli
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1
<b>Clone</b>	5G2-1
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

### Applications Recommended Dilution

<b>ELISA Detector</b>	0.1-0.4 $\mu$ g/mL
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### Data



Sandwich ELISA-Recombinant Mouse IL-1 $\alpha$ /IL-1F1 protein standard curve. Background subtracted standard curve using IL-1 $\alpha$ /IL-1F1 antibody(AN000760P)(Capture), IL-1 $\alpha$ /IL-1F1 Antibody(AN001820P)(Detector) in sandwich ELISA. The reference range value for Recombinant Mouse IL-1 $\alpha$ /IL-1F1 protein is 0.78-50 pg/mL.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.

### For Research Use Only