

IL-1 α /IL-1F1 Monoclonal Antibody(Detector)

catalog number: AN001820P

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

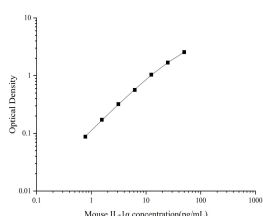
Description

Reactivity	Mouse
Immunogen	Recombinant Mouse IL-1 α /IL-1F1 protein expressed by E.coli
Host	Rat
Isotype	Rat IgG1
Clone	5G2-1
Purification	Protein A/G Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

ELISA Detector	0.1-0.4 μ g/mL
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Data



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

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	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.

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