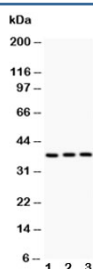


IL3 Antibody (R30148)

| Catalog No. | Formulation | Size |
|-------------|---|--------|
| R30148 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Rat |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity |
| Buffer | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide |
| Gene ID | 24495 |
| Applications | Western Blot : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml (rat protein tested); request BSA free format for coating |
| Limitations | This IL3 antibody is available for research use only. |



Western blot testing of IL3 antibody and Lane 1: PC-12; 2: NRK; 3: RH35; The glycoprotein is routinely visualized between 18~35 kDa.



Western blot testing of IL3 antibody and recombinant protein (0.5ng)

Description

Interleukin 3 is a glycoprotein that in humans is encoded by the IL3 gene. It is mapped to 5q31.1. IL-3 is an interleukin, a type of biological signal (cytokine) that can improve the body's natural response to disease as part of the immune system. It acts by binding to the interleukin-3 receptor. IL-3 stimulates the differentiation of multipotent hematopoietic stem cells into myeloid progenitor cells or, with the addition of IL-7, into lymphoid progenitor cells. In addition, IL-3 stimulates proliferation of all cells in the myeloid lineage (granulocytes, monocytes, and dendritic cells), in conjunction with other cytokines, e.g., Erythropoietin (EPO), Granulocyte macrophage colony-stimulating factor (GM-CSF), and IL-6. IL-3 is secreted by basophils and activated T cells to support growth and differentiation of T cells from the bone marrow in an immune response.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IL3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Rat partial recombinant protein (AA 28-166) was used as the immunogen for this IL3 antibody.

Storage

After reconstitution, the IL3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.