

## Human IL3 Antibody (R30110)

Catalog No.	Formulation	Size
R30110	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 0.025% sodium azide
<b>UniProt</b>	P08700
<b>Applications</b>	Western Blot (recombinant Protein) : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml (human protein tested)
<b>Limitations</b>	This human IL3 antibody is available for research use only.

kDa  
 200 --  
 116 --  
 97 --  
 66 --  
 44 --  
 31 --  
 22 --  
 14 --  
 6 --

Western blot testing of recombinant protein with human IL3 antibody at 0.5ug/ml.

### Description

The gene IL-3 encodes interleukin 3, a hematopoietic colony-stimulating factor (CSF) that is capable of supporting the proliferation of a broad range of hematopoietic cell types.<sup>1</sup> Interleukin-3 (IL-3), a protein of 140 amino acids, is chemically synthesized by means of an automated peptide synthesizer and is shown to have the biological activities attributed to native IL-3.<sup>2</sup> The cDNA sequence for murine interleukin-3, one of the colony stimulating factors that regulate haematopoiesis, codes for a polypeptide of 166 amino acids including a putative signal peptide.<sup>3</sup> The mouse IL 3 gene is

located on chromosome 11.4 The human gene encoding IL 3 is tandemly arrayed on the long arm of chromosome 5.5. The standard product used in this kit is recombinant human IL-3, consisting of 133 amino acids with the molecular mass of 15KDa.

## Application Notes

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

## Immunogen

Human partial recombinant protein (AA 20-152) was used as the immunogen for this human IL3 antibody.

## Storage

After reconstitution, the human 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.