

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

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



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.¹ 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-3.² 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.³ 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.