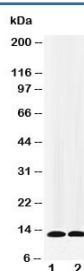


## IL-13 Antibody (R30541)

Catalog No.	Formulation	Size
R30541	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>	Rat
<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 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P42203
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This IL-13 antibody is available for research use only.



Western blot testing of IL-13 antibody and recombinant protein at 1: 5ng; 2: 2.5ng

## Description

Interleukin 13, is a protein that in humans is encoded by the IL-13 gene. This cytokine is secreted by many cell types, but especially T helper type 2(Th2) cells that is an important mediator of allergic inflammation and disease. The gene is mapped to 5q23-q31. It induces its effects through a multi-subunit receptor that includes the alpha chain of the IL-4 receptor(IL-4Ralpha) and at least one of two known IL-13-specific binding chains. It acts more prominently as a molecular bridge linking allergic inflammatory cells to the non-immune cells in contact with them, thereby altering physiological function.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IL-13 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the middle region of rat IL-13 (CNAIHRTQRILNGLCNQKASDVA) was used as the immunogen for this IL-13 antibody.

## Storage

After reconstitution, the IL-13 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.