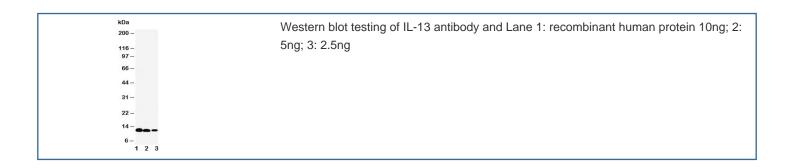


# **IL-13 Antibody (R30788)**

Catalog No.	Formulation	Size
R30788	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 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P35225
Applications	Western Blot : 0.5-1ug/ml
Limitations	This IL-13 antibody is available for research use only.



## **Description**

Interleukin 13 is a protein that in humans is encoded by the IL13 gene. IL-13 is cytokine 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. IL-13 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 C-terminus of human IL-13 (HLKKLFREGRFN) 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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.