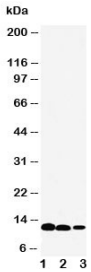
IL-13 Antibody (R30788)

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
Host	Rabbit
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.



Western blot testing of IL-13 antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng

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.

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