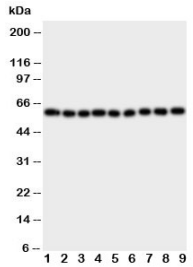
IL5RA Antibody (R30700)

Catalog No.	Formulation	Size
R30700	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	Q01344
Applications	Western Blot : 0.5-1ug/ml
Limitations	This IL5RA antibody is available for research use only.



Western blot testing of IL5RA antibody and Lane 1: A549; 2: SMMC-7721; 3: U87; 4: 293T; 5: PANC; 6: HeLa; 7: Jurkat; 8: Raji; 9: CEM cell lysate. The 420 amino acid protein is routinely visualized between 46~60KD, depending on level of glycosylation.

Description

Interleukin 5 receptor alpha, also known as CD125, is a subunit of the Interleukin-5 receptor. The protein encoded by the IL5RA gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor which is composed of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3(IL3), colony stimulating factor 2(CSF2/GM-CSF), and interleukin 5(IL5). The IL5RA gene is mapped to 3p26-p24 by Southern blot analysis of DNA from a panel of mouse-human hybrid somatic cell lines complemented by in situ hybridization. And its cytogenetic location is 3p26.2. Within a 15-residue stretch of IL5RA, the C-terminal phenylalanine is critical. The binding of this protein to IL5 depends on the beta subunit which is activated by the ligand binding and is required for the biological activities of

IL5.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IL5RA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human IL5RA (NPDQEQRNVNLEYQVK) was used as the immunogen for this IL5RA antibody.

Storage

After reconstitution, the IL5RA 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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