

Datasheet for ABIN747846
anti-IL5RA antibody (PE-Cy7)



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Overview

Quantity:	100 µL
Target:	IL5RA
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL5RA antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-5R alpha
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	IL5RA
Alternative Name:	IL5RA/CD125 (IL5RA Products)
Background:	Synonyms: Interleukin-5 receptor alpha, CD125 antigen, CDw125, HSIL5R3, IL5R, IL-5R, Interleukin 5 Receptor alpha, Interleukin 5 receptor subunit alpha, interleukin 5 receptor type 3,

Target Details

MGC26560, IL5RA, IL-5R alpha, IL5RA_HUMAN.

Background: The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised 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 binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Six alternatively spliced transcript variants encoding three distinct isoforms have been reported.

Molecular Weight: 46kDa

Gene ID: 3568

UniProt: [Q01344](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: FCM(1:100-500)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months