

Datasheet for ABIN7193317  
**anti-IL5RA antibody (AA 21-196)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	0.1 mg
Target:	IL5RA
Binding Specificity:	AA 21-196
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL5RA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

## Product Details

Immunogen:	Purified recombinant fragment of human CD125 (AA: extra 21-196) expressed in E. coli.
Clone:	5E12F5D6
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	IL5RA
Alternative Name:	CD125 ( <a href="#">IL5RA Products</a> )
Background:	Description: The protein encoded by this gene is an interleukin 5 specific subunit of a

## Target Details

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. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported.

Aliases: IL5RA, IL5R, CDw125, HSIL5R3

Molecular Weight:	47.7 kDa
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Gene ID:	3568
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Pathways:	<a href="#">JAK-STAT Signaling</a>
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## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A
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Restrictions:	For Research Use only
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## Handling

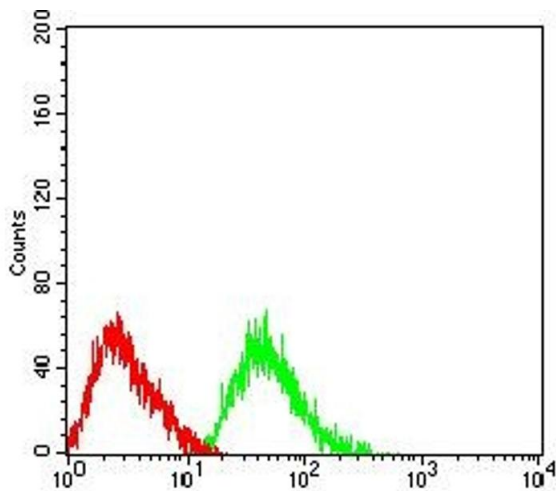
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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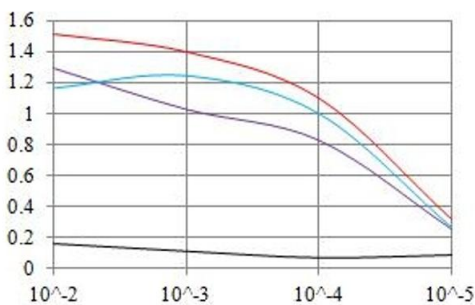
Storage Comment:	4°C, -20°C for long term storage
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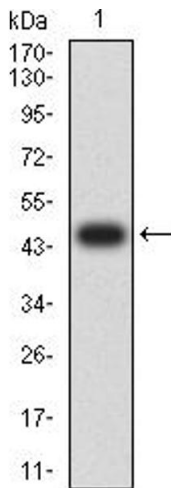
### Flow Cytometry

**Image 1.** Flow cytometric analysis of HL-60 cells using CD125 mouse mAb (green) and negative control (red).

### O.D. ELISA Result



— Control Antigen = 100ng — Antigen = 10ng  
— Antigen = 50ng — Antigen = 100ng



### ELISA

**Image 2.** Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

### Western Blotting

**Image 3.** Western blot analysis using CD125 mAb against human CD125 (AA: extra 21-196) recombinant protein. (Expected MW is 45.9 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193317.