

Datasheet for ABIN7193280

anti-IL13 Receptor alpha 1 antibody (AA 22-343)

5 Images

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Overview

Quantity:	0.1 mg
Target:	IL13 Receptor alpha 1 (IL13RA1)
Binding Specificity:	AA 22-343
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL13 Receptor alpha 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD213A1 (AA: extra 22-343) expressed in E. coli.
Clone:	8A3E3
Isotype:	IgG1
Purification:	purified

Target Details

Target:	IL13 Receptor alpha 1 (IL13RA1)
Alternative Name:	CD213A1 (IL13RA1 Products)
Background:	Description: The protein encoded by this gene is a subunit of the interleukin 13 receptor. This

Target Details

subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4.

Aliases: IL13RA1, NR4, CT19, IL-13Ra

Molecular Weight:	48.8 kDa
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Gene ID:	3597
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Pathways:	JAK-STAT Signaling , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response
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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

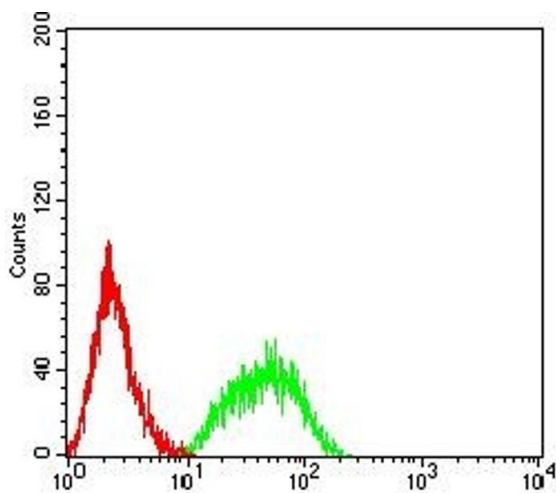
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled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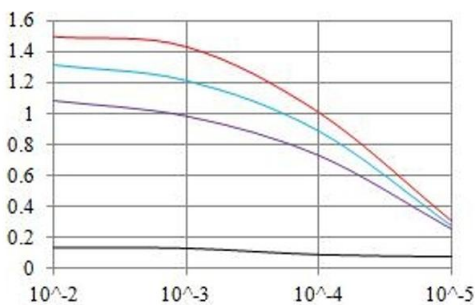
Storage Comment:	4°C, -20°C for long term storage
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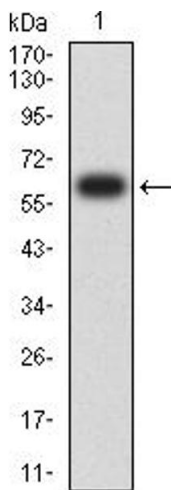
Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using CD213A1 mouse mAb (green) and negative control (red).

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 CD213A1 mAb against human CD213A1 (AA: extra 22-343) recombinant protein. (Expected MW is 62.8 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193280.