

Datasheet for ABIN7092981

**anti-IL13 Receptor alpha 1 antibody (AA 23-343)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	IL13 Receptor alpha 1 (IL13RA1)
Binding Specificity:	AA 23-343
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This IL13 Receptor alpha 1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

## Product Details

Immunogen:	Recombinant human IL13RA1(Gly23-Thr343) (ABIN6964113) produced by using human HEK293 cells
Clone:	DM183
Isotype:	IgG
Purification:	Powder

## Target Details

Target:	IL13 Receptor alpha 1 (IL13RA1)
Alternative Name:	IL13RA1 ( <a href="#">IL13RA1 Products</a> )
Background:	Synonyms:CD213A1, CT19, IL-13Ra, NR4

## Target Details

Description: The protein encoded by this gene is a subunit of the interleukin 13 receptor. This 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.

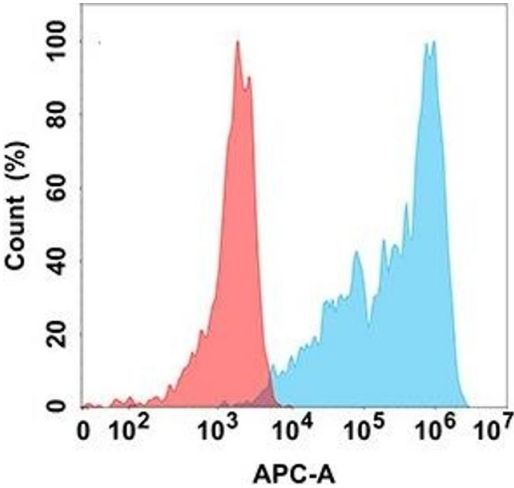
Molecular Weight:	48.8KDa
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

Application Notes:	ELISA 1/5000-10000, Flow Cyt 1/100
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, -80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



Flow Cytometry

**Image 1.** Flow cytometry analysis with Anti-IL13RA1 (DM183) on Expi293 cells transfected with human IL13RA1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).