

## IL13RA1 Antibody

Catalog No: #31021

Package Size: #31021-1 50ul #31021-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	IL13RA1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total IL13RA1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 25-363 amino acids of Human Interleukin 13 receptor, alpha 1
Target Name	IL13RA1
Other Names	Interleukin 13 receptor, alpha 1, NR4, CD213A1, IL-13Ra
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C/1 year

## Application Details

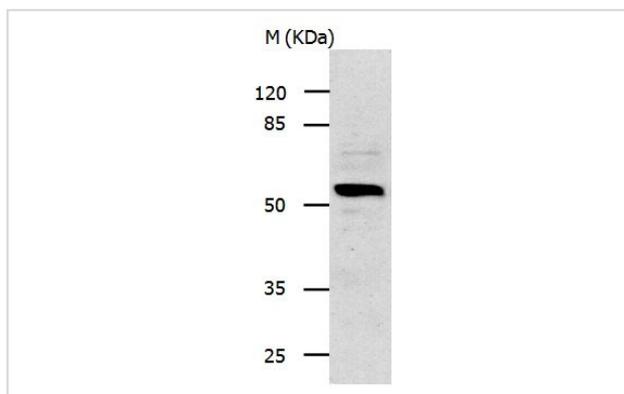
Predicted MW: 49kd

ELISA: 1:500-1:5000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

## Images



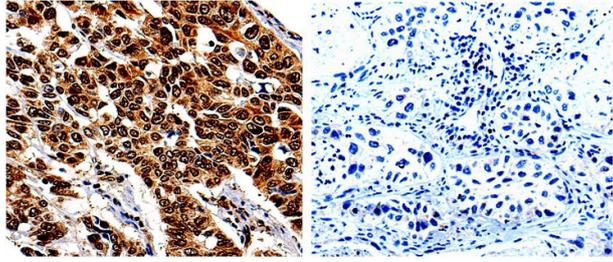
Gel: 8%SDS-PAGE

Lysate: 20 µg A549 cell lysate

Primary antibody: 1/500 dilution

Secondary antibody: Donkey anti Rabbit IgG - H&amp;L (HRP) at 1/3000 dilution

Exposure time: 10 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 31021(IL13RA1 Antibody) at dilution 1/50, on the right is treated with the fusion protein.

## Background

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.

Note: This product is for in vitro research use only