

Datasheet for ABIN5611173

anti-IL9 Receptor antibody (AA 41-270)[Go to Product page](#)**4** Images

Overview

Quantity:	0.1 mg
Target:	IL9 Receptor (IL9R)
Binding Specificity:	AA 41-270
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL9 Receptor antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Neutralization (Neut), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human CD129 (AA: extra 41-270) expressed in E. coli.
Clone:	1C2A6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	IL9 Receptor (IL9R)
Alternative Name:	CD129 (IL9R Products)
Background:	Description: The protein encoded by this gene is a cytokine receptor that specifically mediates

Target Details

the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene.

Aliases: IL9R, IL-9R

Molecular Weight:	57.1 kDa
-------------------	----------

Gene ID:	3581
----------	------

HGNC:	3581
-------	------

Pathways:	JAK-STAT Signaling , Growth Factor Binding
-----------	--

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

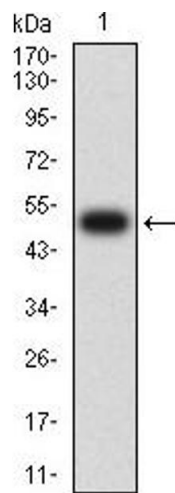
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
---------	---

Preservative:	Sodium azide
---------------	--------------

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

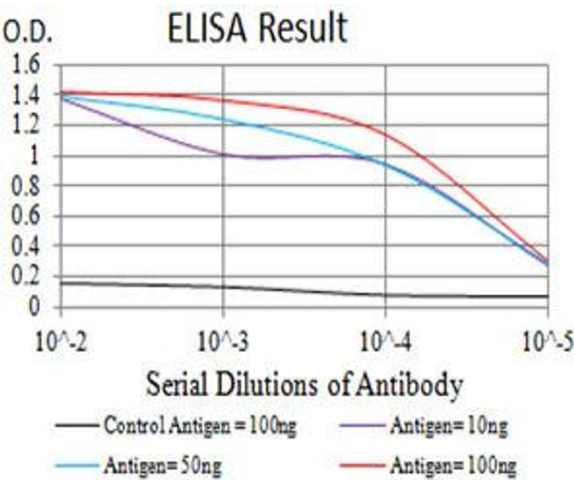
Storage:	4 °C/-20 °C
----------	-------------

Storage Comment:	4°C, -20°C for long term storage
------------------	----------------------------------



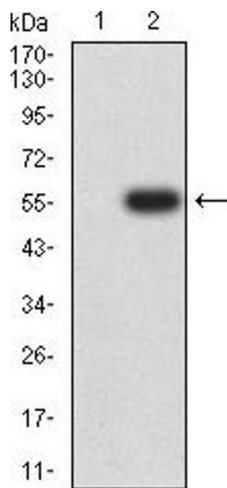
Western Blotting

Image 1. Western blot analysis using CD129 mAb against human CD129 (AA: extra 41-270) recombinant protein. (Expected MW is 51.9 kDa)



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 CD129 mAb against HEK293 (1) and CD129 (AA: extra 41-270)-hlgGfc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5611173.