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Datasheet for ABIN5611174

anti-IL9 Receptor antibody (AA 41-270)

7 Images

Overview

Quantity:	0.1 mg
Target:	IL9 Receptor (IL9R)
Binding Specificity:	AA 41-270
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
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:	4A11H2
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 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

Target Details

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

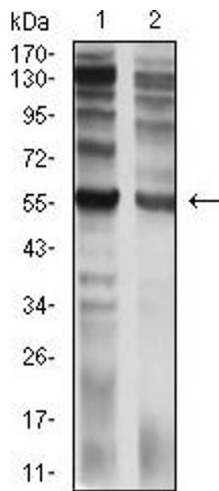
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

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

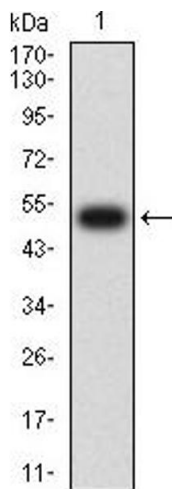
Storage: 4 °C/-20 °C

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



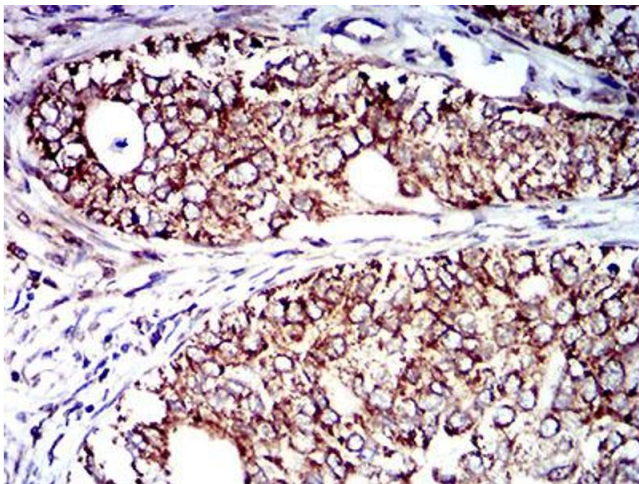
Western Blotting

Image 1. Western blot analysis using CD129 mouse mAb against C6 (1) and PC-3 (2) cell lysate.



Western Blotting

Image 2. Western blot analysis using CD129 mAb against human CD129 (AA: extra 41-270) recombinant protein. (Expected MW is 51.9 kDa)



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD129 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5611174.