

**CD129**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO2741a****Specification**

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**CD129 - Product Information**

Application	<b>E, WB, IHC</b>
Primary Accession	<a href="#">O01113</a>
Reactivity	<b>Human, Rat</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>Mouse IgG1</b>
Calculated MW	<b>57.1kDa KDa</b>

**Immunogen**

Purified recombinant fragment of human CD129 (AA: extra 41-270) expressed in E. Coli.

**Formulation**

Purified antibody in PBS with 0.05% sodium azide

**CD129 - Additional Information**

**Gene ID** 3581

**Other Names**

IL9R; IL-9R

**Dilution**

E~~ 1/10000

WB~~ 1/500 - 1/2000

IHC~~ 1/200 - 1/1000

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CD129 is for research use only and not for use in diagnostic or therapeutic procedures.

**CD129 - Protein Information**

**Name** IL9R

**Function**

Plays an important role in the immune response against parasites by acting as a receptor of IL9.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein. Secreted

## CD129 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CD129 - Images

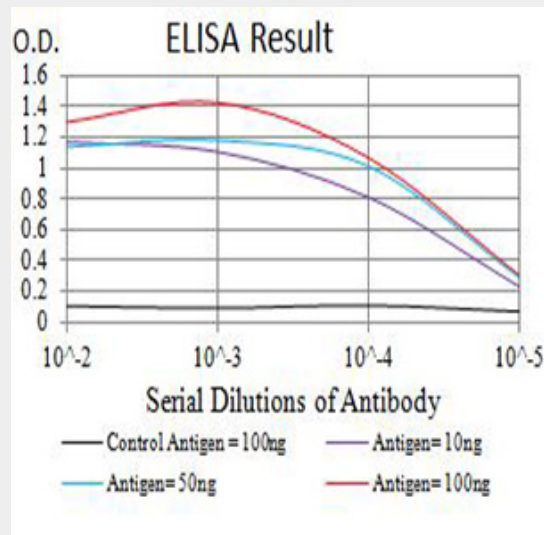


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

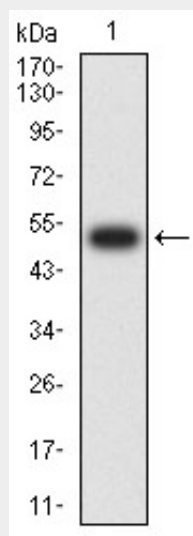


Figure 2: Western blot analysis using CD129 mAb against human CD129 (AA: extra 41-270) recombinant protein. (Expected MW is 51.9 kDa)

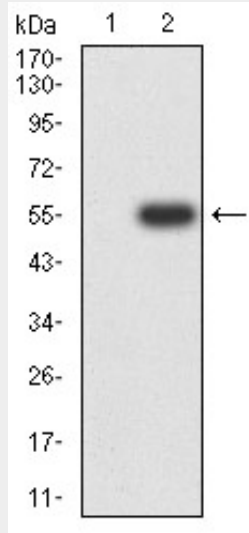


Figure 3:Western blot analysis using CD129 mAb against HEK293 (1) and CD129 (AA: extra 41-270)-hlgGfc transfected HEK293 (2) cell lysate.

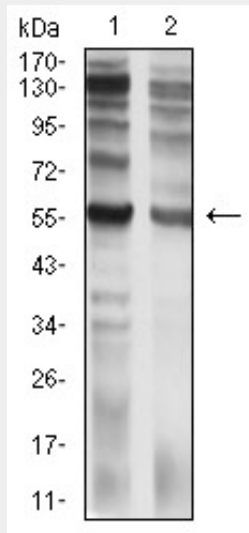


Figure 4:Western blot analysis using CD129 mouse mAb against C6 (1) and PC-3 (2) cell lysate.

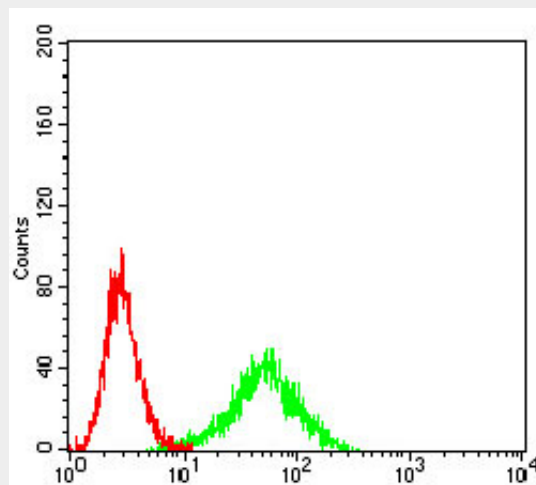


Figure 5:Flow cytometric analysis of Ramos cells using CD129 mouse mAb (green) and negative control (red).

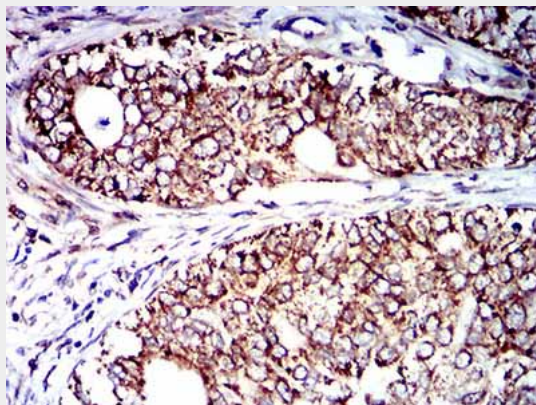


Figure 6:Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD129 mouse mAb with DAB staining.

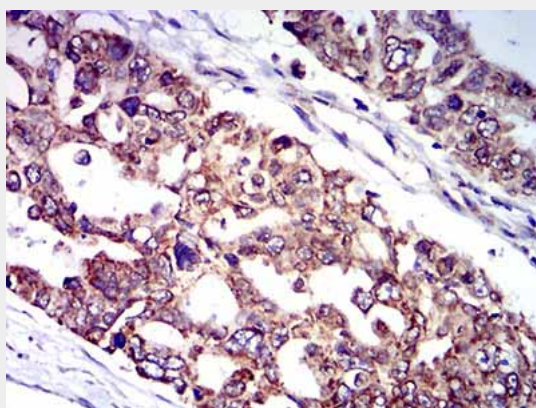


Figure 7:Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using CD129 mouse mAb with DAB staining.

#### **CD129 - References**

- 1.Oncol Rep. 2015 Aug;34(2):795-802.2.Int J Clin Exp Pathol. 2013 Apr 15;6(5):911-6.