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CD129
Purified Mouse Monoclonal Antibody
Catalog # AO2741a

Specification

CD129 - Product Information

Application	**E, WB, IHC**
Primary Accession	Q01113
Reactivity	**Human, Rat**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse IgG1**
Calculated MW	**57.1kDa KDa**

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

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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 Cytomety
- Cell Culture

CD129 - Images

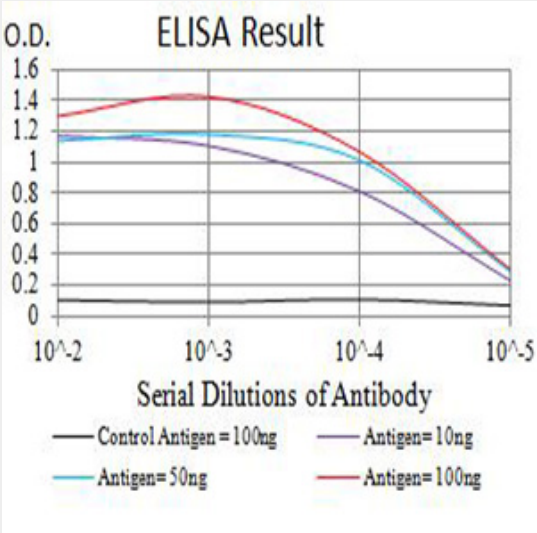

Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

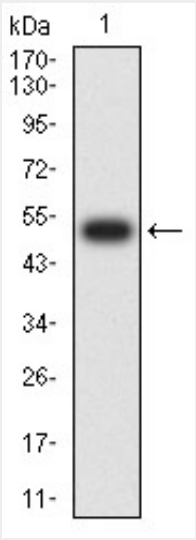

Figure 2:Western blot analysis using CD129 mAb against human CD129 (AA: extra 41-270) recombinant protein. (Expected MW is 51.9 kDa)

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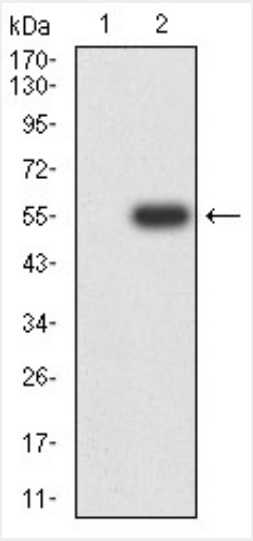

Figure 3:Western blot analysis using CD129 mAb against HEK293 (1) and CD129 (AA: extra 41-270)-hIgGFc transfected HEK293 (2) cell lysate.

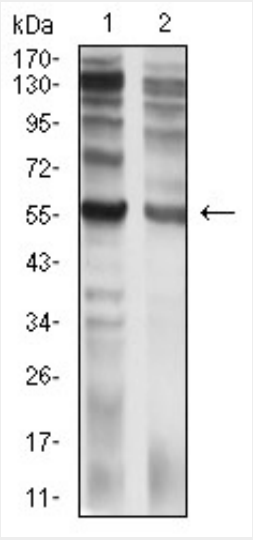

Figure 4:Western blot analysis using CD129 mouse mAb against C6 (1) and PC-3 (2) cell lysate.

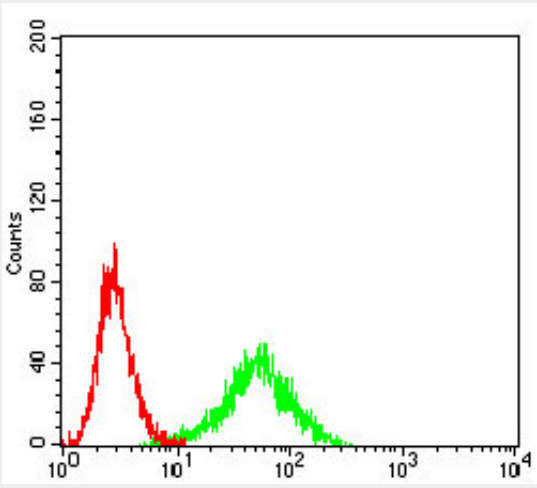

Figure 5:Flow cytometric analysis of Ramos cells using CD129 mouse mAb (green) and negative control (red).

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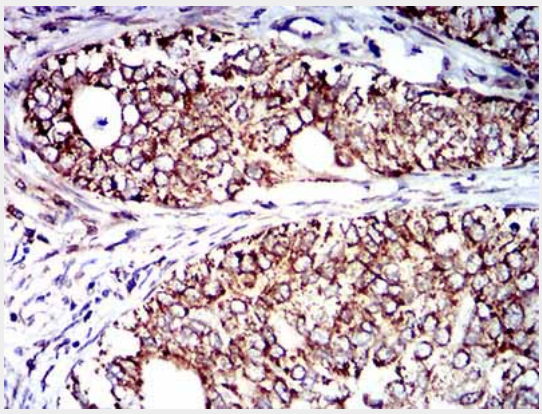

Figure 6:Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD129 mouse mAb with DAB staining.

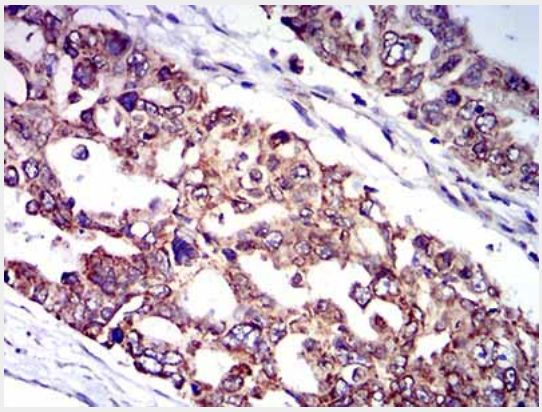

Figure 7:Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using CD129 mouse mAb with DAB staining.

CD129 - References

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