

CD129
Purified Mouse Monoclonal Antibody
Catalog # AO2741a

Specification

CD129 - Product Information

Application	E, WB, IHC
Primary Accession	O01113
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

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

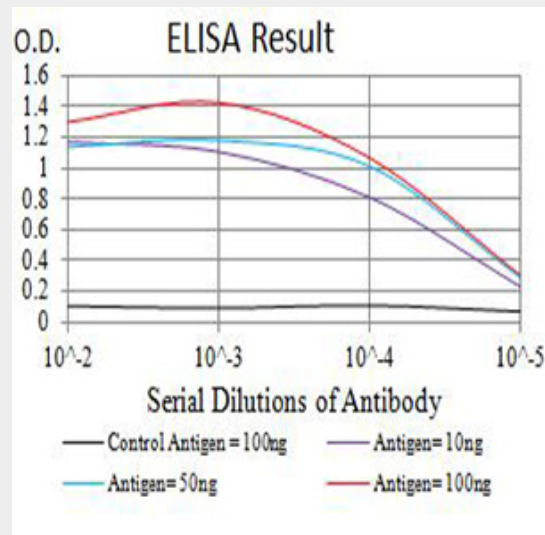


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

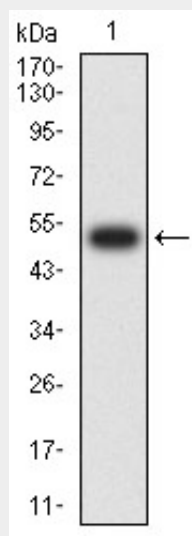


Figure 2: Western blot analysis using CD129 mAb against human CD129 (AA: extra 41-270) recombinant protein. (Expected MW is 51.9 kDa)

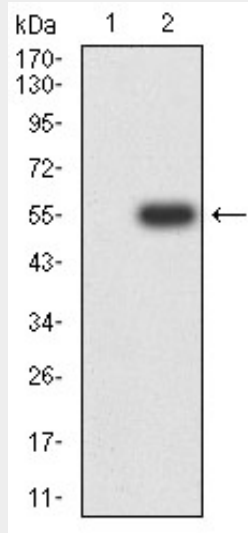


Figure 3:Western blot analysis using CD129 mAb against HEK293 (1) and CD129 (AA: extra 41-270)-hlgGfc transfected HEK293 (2) cell lysate.

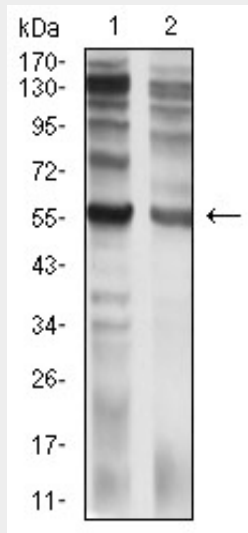


Figure 4:Western blot analysis using CD129 mouse mAb against C6 (1) and PC-3 (2) cell lysate.

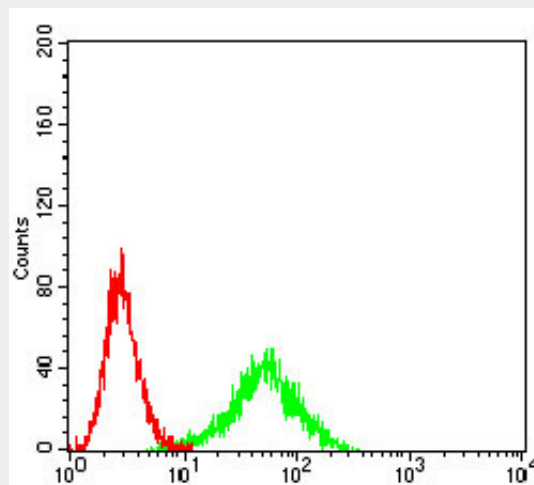


Figure 5:Flow cytometric analysis of Ramos cells using CD129 mouse mAb (green) and negative control (red).

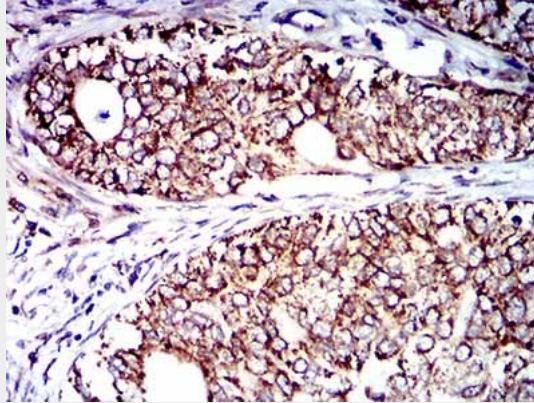


Figure 6:Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD129 mouse mAb with DAB staining.

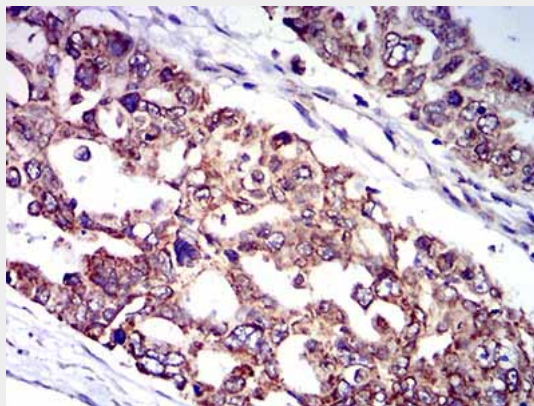


Figure 7:Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using CD129 mouse mAb with DAB staining.

CD129 - References

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