10320 Camino Santa Fe, Suite G
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# CD129
**Purified Mouse Monoclonal Antibody**
**Catalog # AO2680a**

## Specification

### CD129 - Product Information

| | |
|---|---|
| Application | **E, WB** |
| Primary Accession | Q01113 |
| Reactivity | **Human** |
| 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

**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

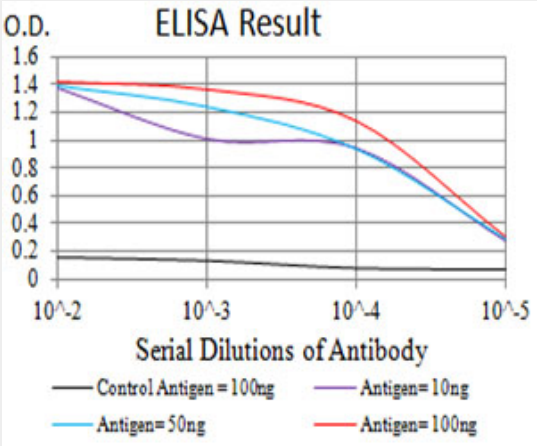


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

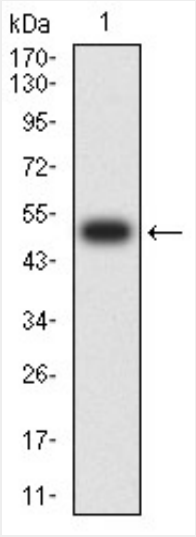


Figure 2:Western blot analysis using CD129 mAb against human CD129 (AA: extra 41-270) recombinant protein. (Expected MW is 51.9 kDa)

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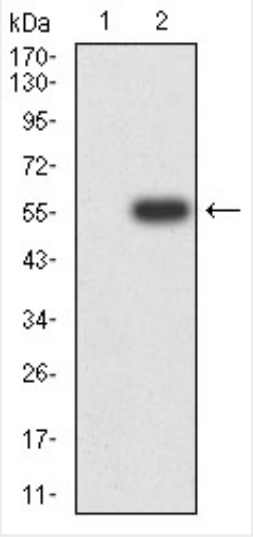


Figure 3:Western blot analysis using CD129 mAb against HEK293 (1) and CD129 (AA: extra 41-270)-hIgGFc transfected HEK293 (2) cell lysate.

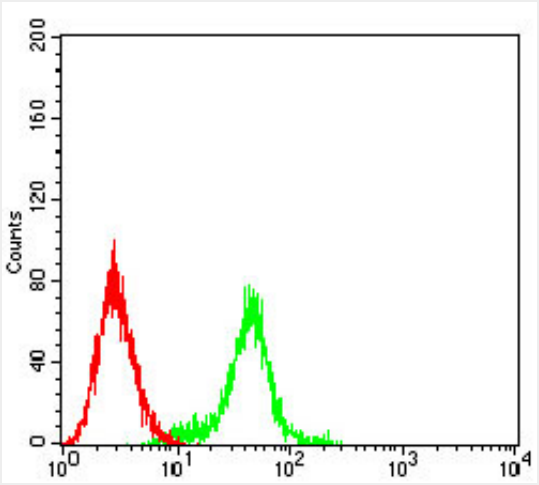


Figure 4:Flow cytometric analysis of Ramos cells using CD129 mouse mAb (green) and negative control (red).

**CD129 - References**

1.Int J Clin Exp Pathol. 2013 Apr 15;6(5):911-6.2.J Dermatol Sci. 2011 Apr;62(1):16-21.