

CD122
Purified Mouse Monoclonal Antibody
Catalog # AO2722a**Specification**

CD122 - Product Information

Application	WB, IHC, ICC, E
Primary Accession	P14784
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Calculated MW	61kDa KDa

Immunogen

Purified recombinant fragment of human CD122 (AA: extra 27-240) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

CD122 - Additional Information

Gene ID 3560

Other Names

IL2RB; IL15RB; P70-75

Dilution

WB~~ 1/500 - 1/2000

IHC~~1:100~500

ICC~~N/A

E~~ 1/10000

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

CD122 is for research use only and not for use in diagnostic or therapeutic procedures.

CD122 - Protein Information

Name IL2RB ([HGNC:6009](#))

Function

Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2. Probably in association with IL15RA, involved in the stimulation of neutrophil phagocytosis by IL15 (PubMed:15123770, PubMed:31040185).

Cellular Location

Cell membrane; Single-pass type I membrane protein

CD122 - 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](#)

CD122 - Images

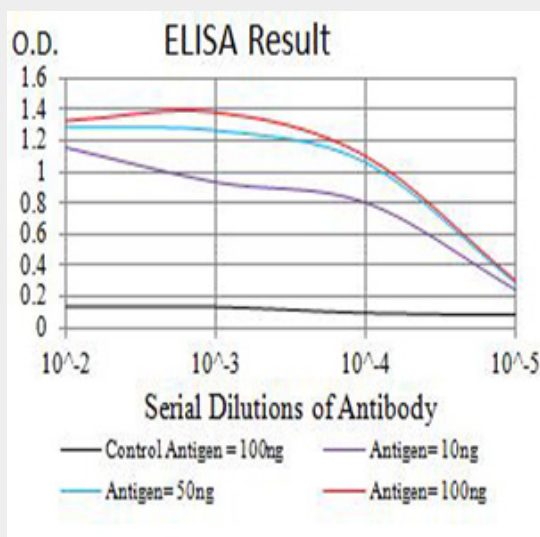


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

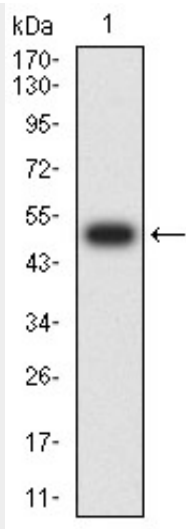


Figure 2: Western blot analysis using CD122 mAb against human CD122 (AA: extra 27-240) recombinant protein. (Expected MW is 50.6 kDa)

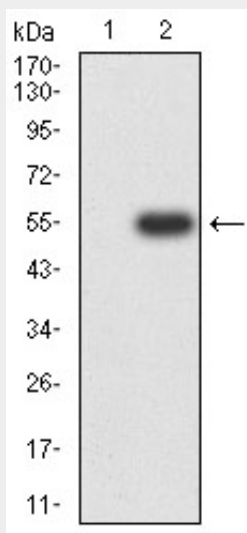


Figure 3: Western blot analysis using CD122 mAb against HEK293 (1) and CD122 (AA: extra 27-240)-hlgGfc transfected HEK293 (2) cell lysate.

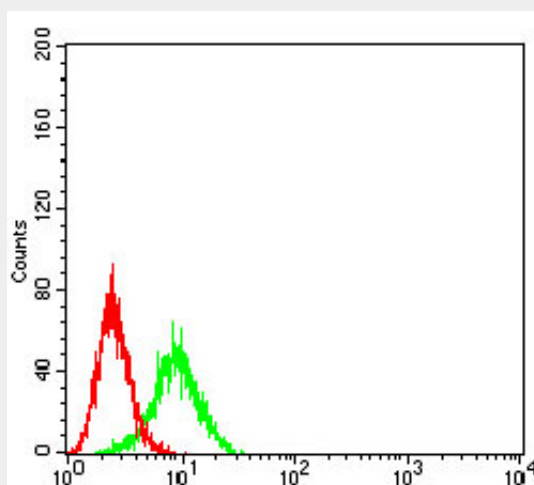


Figure 4: Flow cytometric analysis of Ramos cells using CD122 mouse mAb (green) and negative

control (red).

CD122 - References

1.Dis Markers. 2014;2014:249846.2.Am J Physiol Renal Physiol. 2014 May 1;306(9):F1039-46.