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CD122
Purified Mouse Monoclonal Antibody
Catalog # AO2721a

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:<a

href="http://www.uniprot.org/citations/15123770" target="_blank">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 Cytomety
- Cell Culture

CD122 - Images

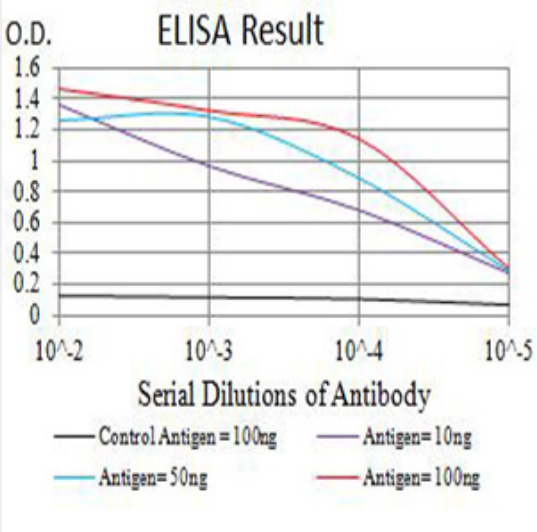

Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

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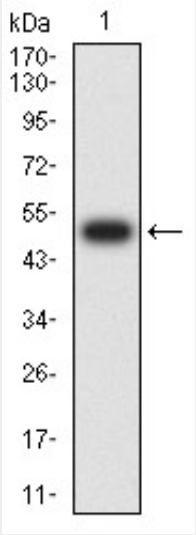

Figure 2:Western blot analysis using CD122 mAb against human CD122 (AA: extra 27-240) recombinant protein. (Expected MW is 50.6 kDa)

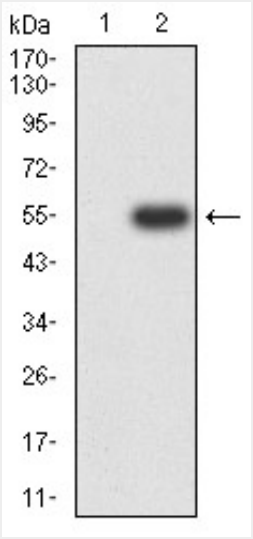

Figure 3:Western blot analysis using CD122 mAb against HEK293 (1) and CD122 (AA: extra 27-240)-hIgGFc transfected HEK293 (2) cell lysate.

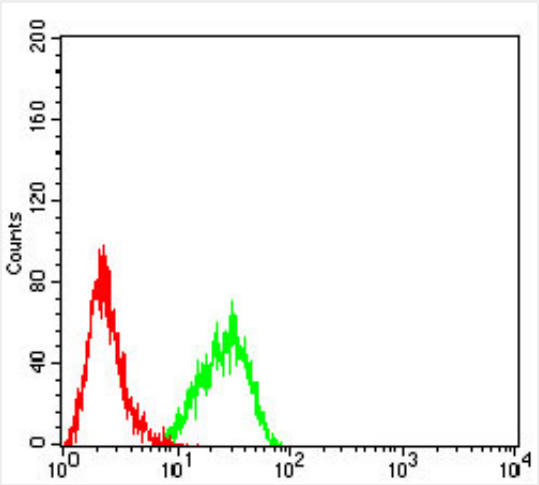

Figure 4:Flow cytometric analysis of HL-60 cells using CD122 mouse mAb (green) and negative

control (red).

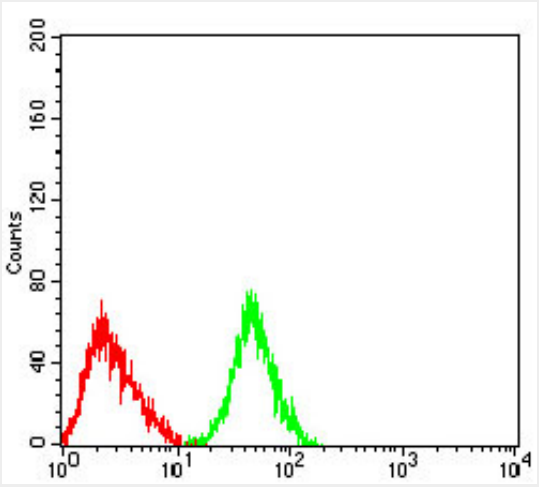

Figure 5:Flow cytometric analysis of Jurkat cells using CD122 mouse mAb (green) and negative control (red).

CD122 - References

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