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CD122

Purified Mouse Monoclonal Antibody
Catalog # AO2722a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	P14784
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	1G11H3
Isotype	Mouse IgG2b
Calculated MW	61117
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

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.

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

References

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

Images

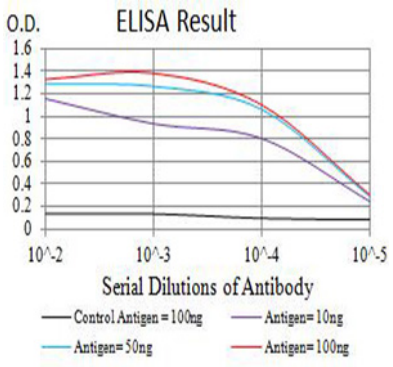


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

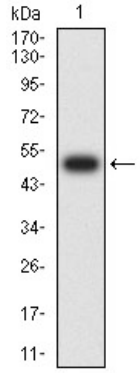


Figure 2:Western blot analysis using CD122 mAb against human CD122 (AA: extra 27-240) recombinant protein. (Expected MW is 50.6 kDa)

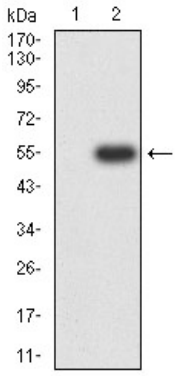


Figure 3:Western blot analysis using CD122 mAb against HEK293 (1) and CD122 (AA: extra 27-240)-hIgGFc transfected HEK293 (2) cell lysate.

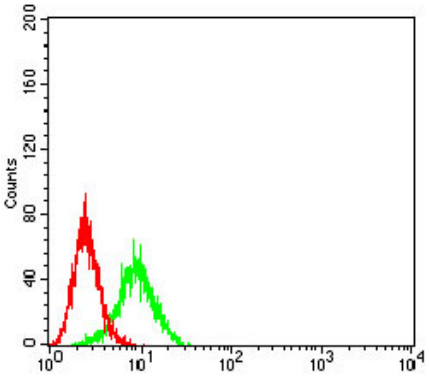


Figure 4:Flow cytometric analysis of Ramos cells using CD122 mouse mAb (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.