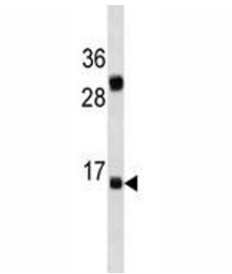
IL-2 Antibody [clone 627CT14.8.1] (F53694)

Catalog No.	Formulation	Size
F53694-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	627CT14.8.1
Purity	Ascites
UniProt	P60568
Applications	Western blot: 1:100-1:1600
Limitations	This IL-2 antibody is available for research use only.



IL-2 antibody western blot analysis in K562 lysate. Predicted molecular weight ~17 kDa

Description

The protein encoded by this gene is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli.

For a monoclonal clone with IHC and protein microarray specificity validation, see our Interleukin-2 Antibody IL2/4983 / IL-2 Antibody page.

Application Notes

Titration of the IL-2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 50-77 from the human protein was used as the immunogen for this IL-2 antibody.

Storage

Aliquot the IL-2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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