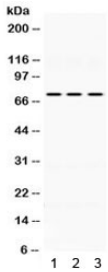
IL2RB Antibody (R31980)

Catalog No.	Formulation	Size
R31980	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P16297
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This IL2RB antibody is available for research use only.



Western blot testing of mouse 1) lung, 2) spleen, 3) testis lysate with IL2RB antibody. Expected molecular weight ~61 kDa (unmodified), 70-75 kDa (glycosylated).

Description

IL2RB (INTERLEUKIN 2 RECEPTOR, BETA), also called CD122, is a protein that in humans is encoded by the IL2RB gene. The gene represents the beta subunit and is a type I membrane protein. IL2RB is mapped to 22q12.3. The IL2RB gene contains 10 exons spanning about 24.3 kb and that the gene product is encoded by exons 2-10. The IL2 receptor is present in 3 forms with respect to binding ability to IL2: high, intermediate, and low affinity forms. Analysis of mutants of the beta chain of the IL2 receptor reveals that the granulocyte and monocyte differentiation signals are triggered by different cytoplasmic domains, showing that the signaling pathways responsible for these unique developmental outcomes are separable.

Application Notes

Optimal dilution of the IL2RB antibody should be determined by the researcher.

Immunogen

Amino acids NLHGQDQDRGQGPILTLNTDAYLSLQELQAQDSVHLI of mouse IL2RB were used as the immunogen for the IL2RB antibody.

Storage

After reconstitution, the IL2RB antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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