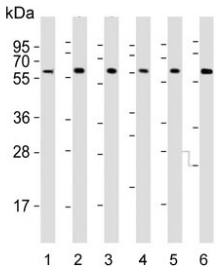
IL2 Receptor gamma Antibody / IL2RG (F54473)

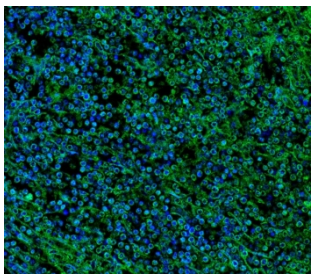
Catalog No.	Formulation	Size
F54473-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54473-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

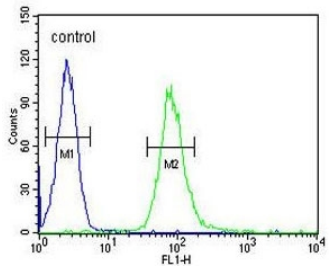
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P31785
Applications	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunofluorescence : 1:25
Limitations	This IL2 Receptor gamma antibody is available for research use only.



Western blot testing of human 1) spleen, 2) Jurkat, 3) Daudi, 4) KG1, 5) MOLT4 and 6) HL60 cell lysate with IL2 Receptor gamma antibody. Expected molecular weight: 42-69 kDa depending on glycosylation level.



Immunofluorescent staining of FFPE human spleen tissue with IL2 Receptor gamma antibody (green) and DAPI nuclear stain (blue).



Flow cytometry testing of human HL60 cells with IL2 Receptor gamma antibody; Blue=isotype control, Green= IL2 Receptor gamma antibody.

Description

IL2RG is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder.

Application Notes

The stated application concentrations are suggested starting points. Titration of the IL2 Receptor gamma antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 76-101 from the human protein was used as the immunogen for the IL2 Receptor gamma antibody.

Storage

Aliquot the IL2 Receptor gamma antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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