

## IL2RA antibody

Catalog No: #38523

Package Size: #38523-1 50ul #38523-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

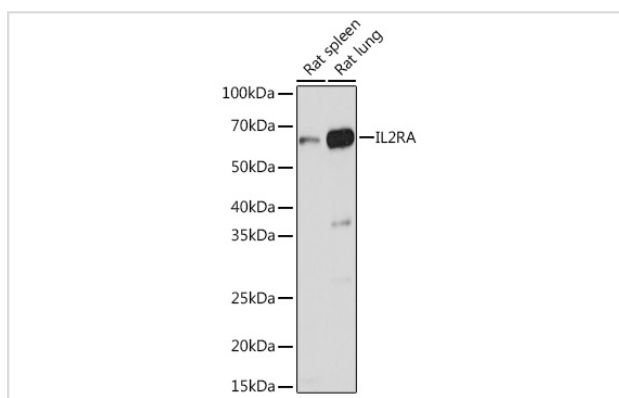
## Description

Product Name	IL2RA antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total IL2RA protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human IL2RA
Target Name	IL2RA
Other Names	IL2RA;CD25;IDDM10;IL2R;IMD41;TCGFR;p55
Accession No.	Uniprot:P01589GeneID:3559
SDS-PAGE MW	60KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

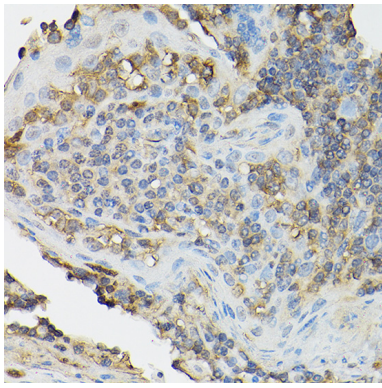
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

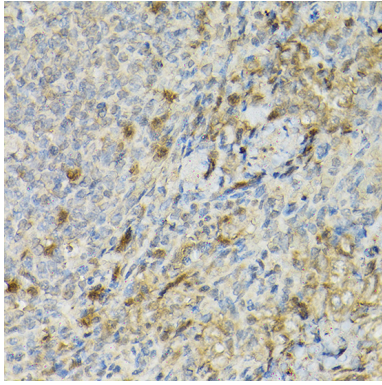
## Images



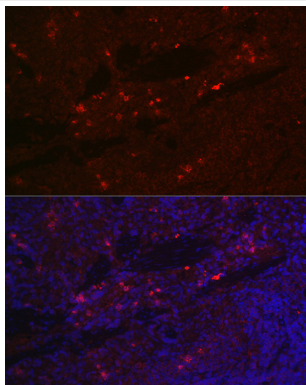
Western blot analysis of extracts of various cell lines, using IL2RA antibody.



Immunohistochemistry of paraffin-embedded human tonsil using IL2RA Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat spleen using IL2RA Rabbit pAb.



Immunofluorescence analysis of rat spleen cells using IL2RA Rabbit pAb.

## Background

The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency.

## Published Papers

el at., CD155 Cooperates with PD-1/PD-L1 to Promote Proliferation of Esophageal Squamous Cancer Cells via PI3K/Akt and MAPK Signaling Pathways. In *Cancers (Basel)* on 2022 Nov 15 by Xiyang Tan, Jie Yang, et al..PMID:36428703, , (2022)

[PMID:36428703](https://pubmed.ncbi.nlm.nih.gov/36428703/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.