

IL2RA antibody

Catalog No: #38523



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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

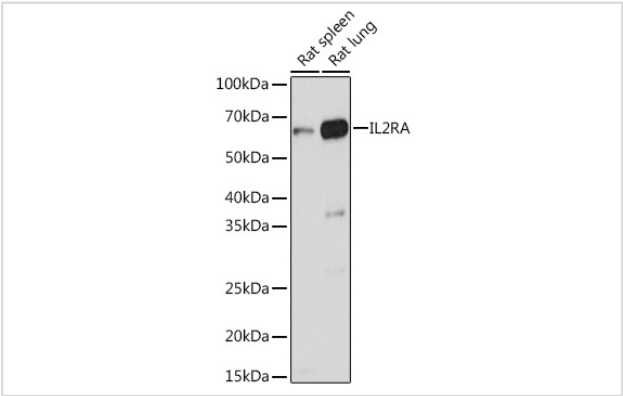
Description

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
Conjugates	Unconjugated
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.

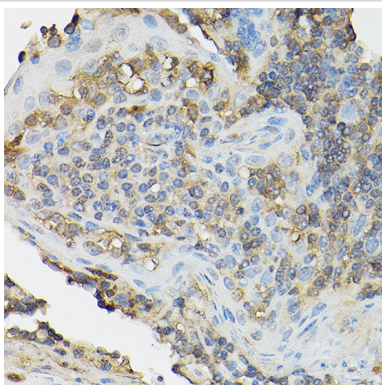
Application Details

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

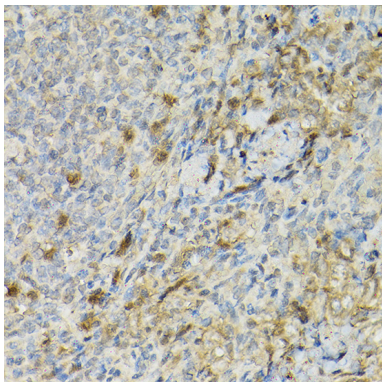
Images



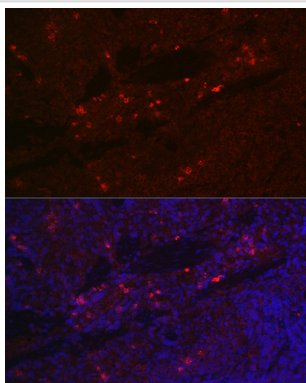
Western blot analysis of extracts of various cell lines, using IL2RA antibody.



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](#)

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