

Anti-CD25/IL-2sR alpha Antibody

Catalog # ABO11056

Product Information

Application	WB, IHC-P
Primary Accession	P01589
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Interleukin-2 receptor subunit alpha(IL2RA) detection. Tested with WB, IHC-P in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	3559
Other Names	Interleukin-2 receptor subunit alpha, IL-2 receptor subunit alpha, IL-2-RA, IL-2R subunit alpha, IL2-RA, TAC antigen, p55, CD25, IL2RA
Calculated MW	30819
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	sc 13946 sc 19628 sc 365511 sc 365912 sc 374034 sc 393326 sc 57297 sc 664 sc 665 sc 666
Tissue Specificity	immunology adaptive immunity t cells immunology innate immunity cytokines interleukins
Source	Eukaryota
Protein Name	Interleukin-2 receptor subunit alpha
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CD25/IL-2sR Alpha (39-57aa MAYKEGTM LNCECKRGFRR).
Purification	Immunogen affinity purified.

Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.
Sequence Similarities	Receptor for interleukin-2.

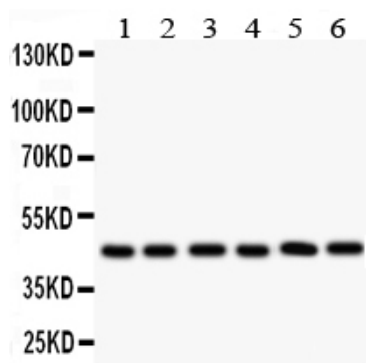
Protein Information

Name	IL2RA
Function	Receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.
Cellular Location	Membrane; Single-pass type I membrane protein.

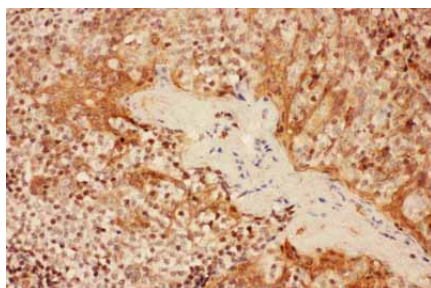
Background

IL2RA(Interleukin 2 receptor, alpha), also called IL2R, IL2R, Alpha Chain or CD25, is a protein that in humans is encoded by the IL2RA gene.The IL2RA gene is mapped on 10p15.1. IL2RA is composed of strand-swapped sushi-like" domains

Images



Anti- CD25/IL-2sR Alpha antibody, ABO11056, Western blotting
All lanes: Anti CD25/IL-2sR Alpha (ABO11056) at 0.5ug/ml
Lane 1: SMMC Whole Cell Lysate at 40ug
Lane 2: A549 Whole Cell Lysate at 40ug
Lane 3: JURKAT Whole Cell Lysate at 40ug
Lane 4: MCF-7 Whole Cell Lysate at 40ug
Lane 5: RAJI Whole Cell Lysate at 40ug
Lane 6: PANC Whole Cell Lysate at 40ug
Predicted bind size: 31KD
Observed bind size: 45KD



Anti- CD25/IL-2sR Alpha antibody, ABO11056,
IHC(P)IHC(P): Human Tonsil Tissue

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.