Mouse anti-Human IL2RA / CD25 Monoclonal Antibody | anti-IL2RA antibody

Mouse Monoclonal (IgG2a,k) to Human IL2RA / CD25

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51851	**Mouse**	**Human**	**ELISA, Western Blot, Immunohistochemistry, Immunohistochemistry**

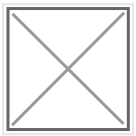
PRODUCT SYNONYMS

IL2RA / CD25; Monoclonal Antibody; Mouse Monoclonal (IgG2a; k) to Human IL2RA / CD25; Anti-IL2RA / CD25 Antibody IHC-plus; IL2RA; CD25 antigen; CD25; IDDM10; IL-2 receptor subunit alpha; IL2R; Interleukin 2 receptor; alpha; IL-2-RA; IL2-RA; TCGFR; IL-2R subunit alpha; p55; TAC antigen; Human IL2RA; anti-IL2RA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Specificity	Human IL-2Ralpha
Purity/Purification	Protein G Purified
Form/Format	Lyophilized from PBS
Concentration	1 mg/ml (varies by lot)
Sequence Length	272
Applicable Applications for anti-IL2RA antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target Species	Human
Target	IL2RA/CD25
Resuspension Liquid Description	Reconstitute in sterile water
Immunogen	IL2RA/CD25 antibody was raised against insect cell derived recombinant Human sIL-2Ralpha.
Immunogen Species	IL2RA/CD25 antibody was raised against Human.
Antigen Type	Cell extract
Preparation and Storage	Store Lyophilized at room temperature up to 1 month; Reconstituted for up to two weeks at 2-8 degree C. Aliquot and freeze at -20 degree C for long term storage. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-CD25 antibody IHC of human plasma cells. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IL2RA antibody	Immunohistochemistry: MBS245666 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 10 ug/ml is recommended. ELISA: In a sandwich ELISA (assuming 100 ul/well), a concentration of 4-8 ug/ml of this antibody will detect at least 100 pg/ml of recombinant Human sIL-2Ralpha when used in conjunction with compatible secondary reagents. Western Blot: To detect Human sIL-2Ralpha by Western Blot analysis this antibody can be used at a concentration of 0.20-0.40 ug/ml. When used in conjunction with compatible secondary reagents the detection limit for recombinant Human sIL-2Ralpha is 2-4 ng/lane, under non-reducing conditions.
Product Categories/Family for anti-IL2RA antibody	Family: Interleukin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557667
NCBI GeneID	3559
NCBI Accession #	NP_000408.1
NCBI GenBank Nucleotide #	NM_000417.2
UniProt Accession #	P01589; Q5W007
NCBI Official Full Name	interleukin-2 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 2 receptor, alpha
NCBI Official Symbol	IL2RA
NCBI Official Synonym Symbols	p55; CD25; IL2R; TCGFR; IDDM10
NCBI Protein Information	interleukin-2 receptor subunit alpha; TAC antigen; IL-2R subunit alpha; IL-2 receptor subunit alpha
UniProt Protein Name	Interleukin-2 receptor subunit alpha
UniProt Gene Name	**IL2RA**
UniProt Synonym Gene Names	IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA
UniProt Entry Name	IL2RA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/il2ra-cd25-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/51851