

anti-Human, Mouse IL-2Ralpha/CD25 Antibody | anti-IL2RA antibody

IL-2Ralpha/CD25 (Phospho-Ser268) Antibody

CATALOG # AAA111561	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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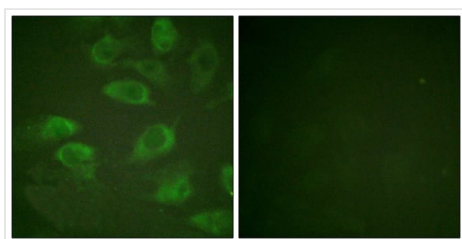
PRODUCT SYNONYMS

IL-2Ralpha/CD25; IL-2Ralpha/CD25 (Phospho-Ser268) Antibody; CD25 antigen; IL-2 receptor alpha subunit; IL-2-RA; IL2-RA; Interleukin-2 receptor alpha chain precursor; TAC antigen; p55; anti-IL2RA antibody

PRODUCT SPECIFICATIONS

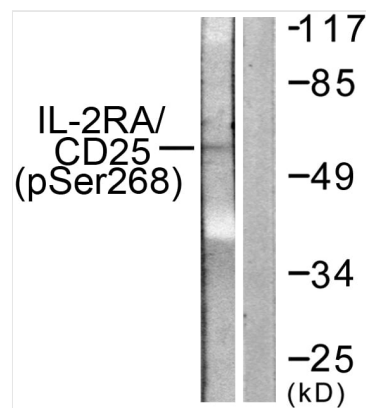
Reactivity	Human, Mouse
Specificity	IL-2Ralpha/CD25 (Phospho-Ser268) antibody detects endogenous levels of IL-2Ralpha/CD25 only when phosphorylated at serine 268.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	272
Applicable Applications for anti-IL2RA antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IL-2Ralpha/CD25 around the phosphorylation site of serine 268 (R-K-SP-R-R).
All Sites	Human: Ser268 Mouse: Ser264
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from LOVO cells, using IL-2Ralpha/CD25 (Phospho-Ser268) antibody. Immunofluorescence analysis of HeLa cells, using IL-2Ralpha/CD25 (Phospho-Ser268) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL2RA antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Nikaido T., Nature 311:631-635(1984). Bamborough P., Structure 2:839-851(1994). Stauber D.J., Proc. Natl. Acad. Sci. U.S.A. 103:2788-2793(2006).

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
Molecular Weight	30,819 Da
NCBI Official Full Name	interleukin-2 receptor subunit alpha isoform 1
NCBI Official Synonym Full Names	interleukin 2 receptor subunit alpha
NCBI Official Symbol	IL2RA
NCBI Official Synonym Symbols	p55; CD25; IL2R; IMD41; TCGFR; IDDM10
NCBI Protein Information	interleukin-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

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/human-mouse-antibody/il-2ralpha-cd25/111561>