

Rabbit IL-2R/CD25 Polyclonal Antibody | anti-IL-2R/CD25 antibody

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

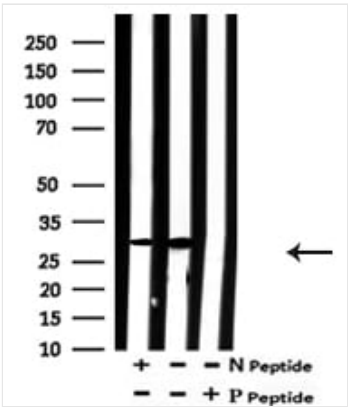
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328344	Rabbit	Human, Mouse, RatPredicted: Horse, Dog	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

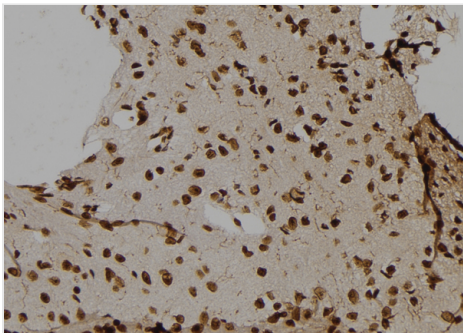
IL-2R/CD25; Polyclonal Antibody; Phospho-IL-2R/CD25 (Ser268) Antibody; Interleukin 2 receptor alpha chain; CD25; CD25 antigen; IDDM10; IL 2 receptor alpha subunit; IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2 RA; IL2-RA; IL2R; alpha chain; IL2RA; IL2RA_HUMAN; IMD41; Interleukin 2 receptor alpha; Interleukin 2 receptor; Interleukin-2 receptor subunit alpha; p55; t-cell growth factor receptor; TAC; TAC antigen; TCGFR; anti-IL-2R/CD25 antibody

PRODUCT SPECIFICATIONS

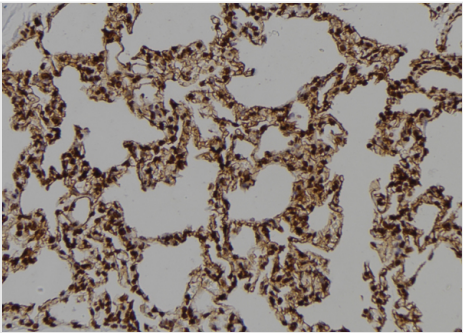
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Horse, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-IL-2R/CD25 (Ser268) Antibody detects endogenous levels of IL-2R/CD25 only when phosphorylated at Ser268.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	272
Applicable Applications for anti-IL-2R/CD25 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IL-2R/CD25 around the phosphorylation site of Ser268.
Subcellular Location	Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



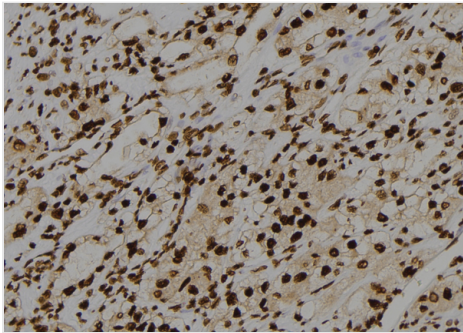
WB (Western Blot)
Western blot analysis of Phospho-IL-2R /CD25 (Ser268) in lysates of LOVO, using Phospho-IL-2R /CD25 (Ser268) Antibody.



IHC (Immunohistochemistry)
At 1/100 staining mouse brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)
At 1/100 staining rat lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)
At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-IL-2R/CD25 antibody	Description: 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.
	Subunit Structure: Non-covalent dimer of an alpha and a beta subunit. IL2R exists in 3 different forms: a high affinity dimer, an intermediate affinity monomer (beta subunit), and a low affinity monomer (alpha subunit). The high and intermediate affinity forms also associate with a gamma subunit.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557667
NCBI GeneID	3559
NCBI Accession #	NP_000408.1
NCBI GenBank Nucleotide #	NP_000408.1
UniProt Accession #	P01589
Molecular Weight	Observed: 31 kDa Predicted: 31 kDa
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/il-2r-cd25-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328344>