

Rabbit anti-Human CD25 Polyclonal Antibody | anti-CD25 antibody

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71305	Rabbit	Human	Western Blot, Immunoprecipitation, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA

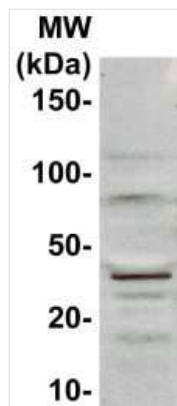
PRODUCT SYNONYMS

CD25; Polyclonal Antibody; Rabbit anti CD25 Polyclonal Antibody; IL2RA; Interleukin2 receptor alpha; anti-CD25 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody reacts with human. The other species are not tested.
Purity/Purification	Affinity Purified
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Sequence Length	160
Applicable Applications for anti-CD25 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA
Preparation	Recombinant full length (1-272 aa) of human CD25.
Positive Control	Jurkat Cells, Tonsil
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C - 8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

WB: The cell lysate derived from Jurkat cells was immunoblotted by the Rabbit anti CD25 (Cat#AAA71305) @ 1:500. An immunoreactive band around ~30 kDa was observed.

ADDITIONAL INFORMATION

Related Product Information for anti-CD25 antibody	The IL2 receptor (IL2R) exists in three alternative forms made up from the individual components of CD25, CD122, and CD132. CD25 represents the low affinity alpha chain of the IL2R, a type I transmembrane glycoprotein containing two CCP domains. It is rich in O linked carbohydrates and has a short cytoplasmic tail. CD25 is expressed on activated T cells, B cells, NK cells and monocytes of all mouse strains tested. It is transiently expressed at a low level during B cell development in bone marrow on the CD45R/B220 low TdT- slg- pre-B II and CD45R/B220low TdT- slgM+slgD- immature B cells, but not on the CD45R/B220 low TdT+ slg- pro-B/pre B I stage nor on CD45R/B220high TdT- slgM+slgD+ mature B cells. CD25 is expressed at a higher level during very early T cell development in fetal and adult thymus. CD25 expression is a common denominator of a specific immunomodulatory B-cell subset ready to proliferate upon IL-2 stimulation.
References	Amu, S. and Brissliert, M. Phenotype and function of CD25-expressing B lymphocytes isolated from human umbilical cord blood. Clin. Dev. Immunol. 2011, 481948 (2011).

NCBI AND UNIPROT INFORMATION

NCBI GI #	55904
NCBI GeneID	3559
UniProt Accession #	P25094; P01589
Molecular Weight	31 kDa
NCBI Official Full Name	CD25
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	Peripheral myelin protein 22
UniProt Gene Name	Pmp22
UniProt Synonym Gene Names	Cd25; Pmp-22; PMP-22; SAG

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/polyclonal/cd25-antibody-western-blot-immunoprecipitation-immunohistochemistry-flow-cytometry-elisa/71305>