

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

Anti-Human CD25 Monoclonal Antibody (PE Conjugated)

CATALOG # AAA174768	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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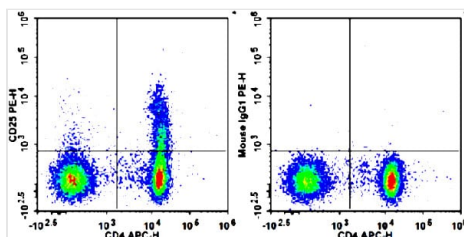
PRODUCT SYNONYMS

CD25; Monoclonal Antibody; Anti-Human CD25 Monoclonal Antibody (PE Conjugated); Interleukin-2 receptor subunit alpha; IL2RA; IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA; TAC antigen; p55; anti-CD25 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, ?
Clone Number	BC96
Form/Format	Liquid ; Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Sequence Length	272
Applicable Applications for anti-CD25 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Conjugation Note	PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).
Isotype Control	PE Mouse IgG1, ? Isotype Control [MOPC-21] []
Note	Centrifuge before opening to ensure complete recovery of vial contents
Preparation and Storage	Store at 2°C to 8°C and protect from prolonged exposure to light. Do not freeze.

IMAGES



Application Data

Human peripheral blood lymphocytes are stained with APC Anti-Human CD4 Antibody and PE Anti-Human CD25 Antibody (Left). Lymphocytes are stained with APC Anti-Human CD4 Antibody and PE Mouse IgG1, κ Isotype Control (Right).

ADDITIONAL INFORMATION

Related Product Information for anti-CD25 antibody	CD25 is a 55 kD type I transmembrane glycoprotein also known as the low affinity IL-2 receptor alpha chain or Tac. It is expressed on progenitor lymphocytes, activated T and B cells, and activated monocytes/macrophages. CD25 is also expressed on a subset of non-stimulated CD4+ T cells termed T regulatory cells. CD25 associates with the IL-2 receptor beta (CD122) and common gamma chains (CD132) to form the high affinity IL-2R complex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557667
NCBI GeneID	3559
NCBI Accession #	NP_000408.1
NCBI GenBank Nucleotide #	NP_000408.1
UniProt Accession #	P01589
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd25-antibody-clone-bc96-flow-cytometry-elisa/174768>