

DATASHEET

CD25 Rat Monoclonal Antibody(PC-61.5.3)

CAT. NO. AMA03843

KEY FEATURES

Target	CD25	Source / Host	Rat
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Rat IgG1 kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.		Storage at-20°C

BACKGROUND

The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rat monoclonal antibody to CD25
Specificity	Recognizes mouse CD25
Antibody Type	Primary antibody
Immunogen	IL-2-dependent BALB/c mouse helper T-cell clone HT-2
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Rat IgG1 kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	Interleukin-2 receptor subunit alpha; IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA; TAC antigen; p55; CD25
Gene Symbol	IL2RA
Entrez Gene	16184(Mouse)
SwissProt	P01590(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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| DATA**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.