

Product datasheet

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ARG22714 anti-CD25 antibody [KEI-alpha1]

Package: 100 μg Store at: -20°C

Summary

Product Description Mouse Monoclonal antibody [KEI-alpha1] recognizes CD25

This antibody recognizes Rabbit CD5, a 55kDa cell surface antigen, otherwise known as the interleukin-2

(IL-2) receptor alpha chain. In Rabbits, CD25 is expressed on activated T lymphocytes.

Mouse anti Rabbit CD25 antibody, clone KEI-alpha1 is reported to inhibit the binding of IL-2 to its

receptor (Kotani et al. 1993).

Tested Reactivity Rb

Species Does Not React With Hu

Tested Application FACS, IHC-Fr, IP

Host Mouse

Clonality Monoclonal
Clone KEI-alpha1

Isotype IgG2b
Target Name CD25

Species Rabbit

Immunogen Cell membrane preparation of HTLV-1 transformed rabbit T cell line.

Conjugation Un-conjugated

Alternate Names IL-2-RA; IL-2 receptor subunit alpha; CD25; TCGFR; TAC antigen; IL2R; CD antigen CD25; Interleukin-2

receptor subunit alpha; IL-2R subunit alpha; p55; IL2-RA; IDDM10

Application Instructions

Application table	Application	Dilution
	FACS	1:100 - 1:200
	IHC-Fr	Assay-dependent
	IP	Assay-dependent
Application Note	FACS: Use 10 μ l of the suggested working dilution to label 10^6 cells in 100 μ l. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide

Concentration 1 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol IL2RA

Gene Full Name interleukin 2 receptor, alpha

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 proteolyisis. 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

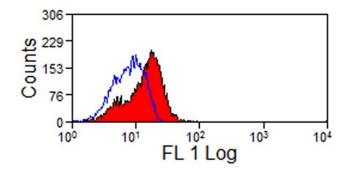
deficiency.[provided by RefSeq, Nov 2009]

Function Receptor for interleukin-2. [UniProt]

Research Area Immune System antibody; Pre-B Cell Marker antibody

Calculated Mw 31 kDa

Images



ARG22714 anti-CD25 antibody [KEI-alpha1] FACS image

Flow Cytometry: Rabbit peripheral blood lymphocytes stained with ARG22714 anti-CD25 antibody [KEI-alpha1] followed by Goat anti-Mouse IgG (FITC).