

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 µl of the suggested working dilution to label 10 ⁶ cells in 100 µl. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

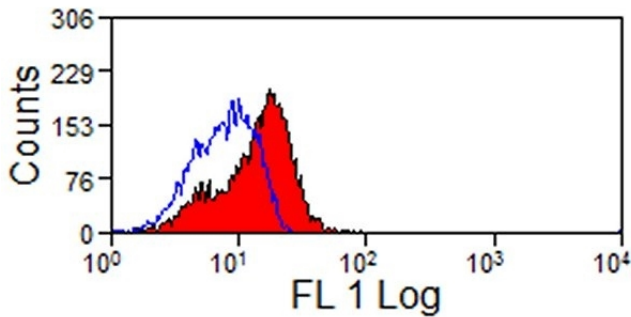
Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide

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 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.[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).